



## **REPORT ON STEM GRADUATION AND ENROLLMENT TRENDS**

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## **ARKANSAS DEPARTMENT OF HIGHER EDUCATION 2013 REPORT ON STEM GRADUATION AND ENROLLMENT TRENDS**

The purpose of this report on Arkansas STEM (Science, Technology, Engineering, and Mathematics) program activity is to inform education and policy makers about the need to prepare and graduate more students with degrees in STEM related fields as defined by the U.S. Immigration and Customs Enforcement (ICE).

Arkansas is witnessing a significant shortfall in its ability to meet the STEM education needs of its students which will have tremendous implications for the state's scientific and engineering workforce needed for the next decade. Addressing this issue is absolutely essential for the continued economic success of Arkansas. All Arkansas citizens must have the basic scientific, technological, and mathematical knowledge to make informed personal choices, to develop human capital, and to thrive in the increasingly technological global marketplace.

The Arkansas Department of Higher Education uses three different sets of CIP Codes for the STEM fields. The most recent was obtained in 2012 with other versions being obtained in 2011 and before 2010. All sets of CIP Codes for the STEM fields were obtained from the website of the U.S. Immigration and Customs Enforcement (ICE) at [www.ice.gov](http://www.ice.gov). The 2010 and earlier version contains 217 CIP Codes, the 2011 version contains 328 CIP Codes, and the 2012 version contains 422 CIP Codes. In this report,

- all graduate and enrollment data for Academic Year 2010 and before used the 2010 version;
- all graduate and enrollment data for Academic Year 2011 used the 2011 version; and
- all graduate and enrollment data for Academic Year 2012 and 2012 Fall (AY2013) used the 2012 version.

Therefore, this report will not be comparable to reports from past years.

The above discussion regarding the different versions of CIP Codes for the STEM fields points to the need for the state of Arkansas to consider establishing a list of static STEM CIP Codes. A static or less fluid list of CIP Codes for STEM would enable the state to better identify growth, or the lack of growth, from year to year. With an increasing list of STEM CIP Codes, some growth can be attributed to the growth in CIP Codes and not in the growth of graduates or enrollment.

Due to the growth in the number of CIP Codes designated as STEM, substantial growth can be attributed to the growth in CIP Codes and not in the growth of graduates.

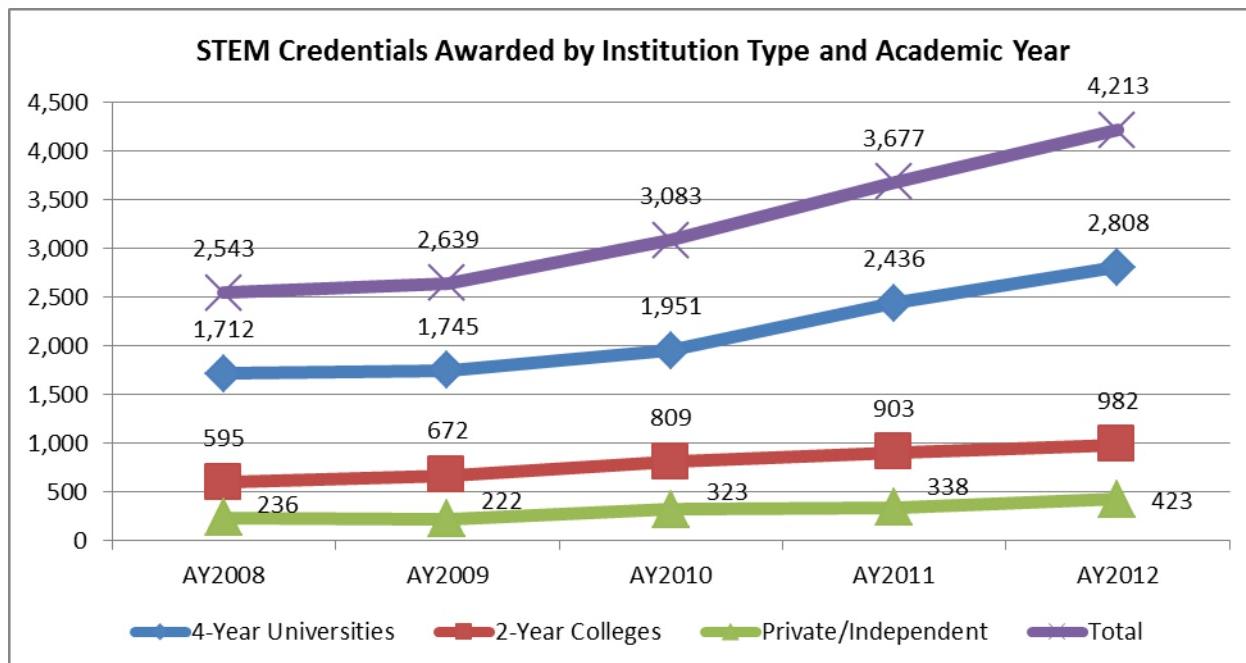
- Using the 2011 CIP Codes for AY2011 graduates accounts for an additional 6.9 percent credentials to be counted. In other words, if the 2010 STEM Codes were used, 3,439 credentials would have been counted rather than 3,677 actually reported below.
- Using the 2012 CIP Codes for AY2012 graduates accounts for an additional 16.7 percent credentials to be counted. In other words, if the 2010 STEM Codes were used, 3,609 credentials would have been counted rather than 4,213 actually reported below.
- Using the 2012 CIP Codes for AY2012 graduates accounts for an additional 8.8 percent credentials to be counted. In other words, if the 2011 STEM Codes were used, 3,872 credentials would have been counted rather than 4,213 actually reported below.

The state of Arkansas should consider adopting a static list of CIP Codes for identifying STEM.

## Degree Production

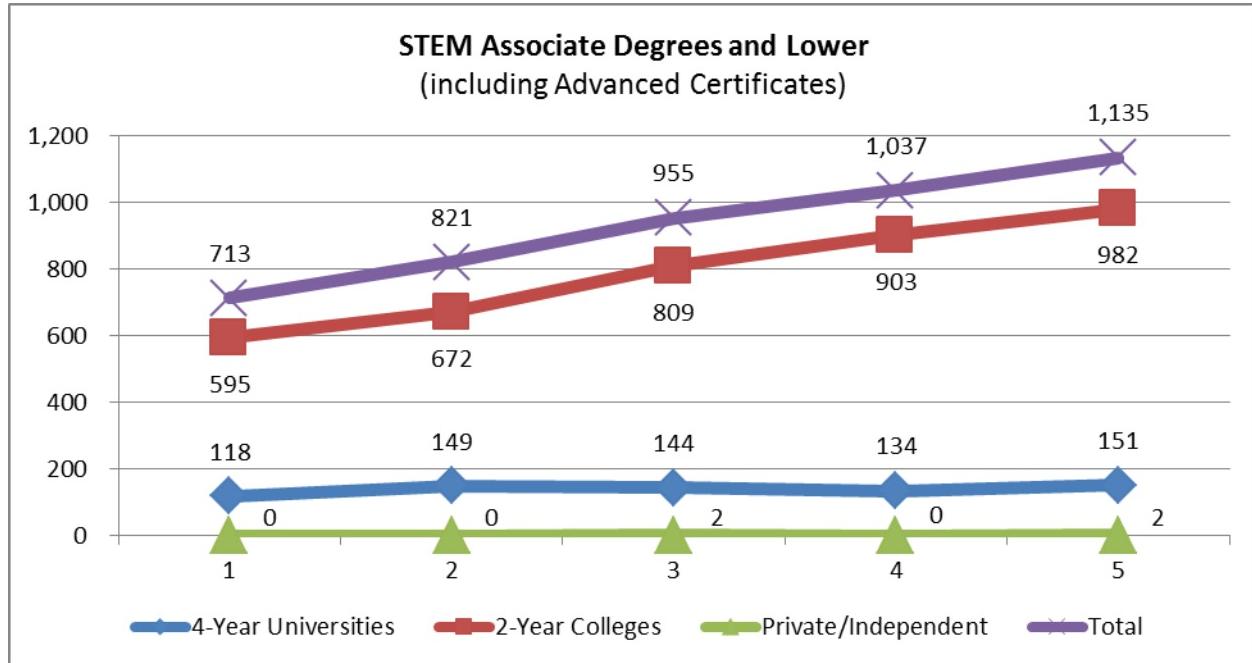
The total number of all STEM credentials awarded has increased in every year increasing from 2,543 in AY2008 to 4,213 in AY2012 for an overall increase of 65.7%.

Credentials Awarded	AY2008	AY2009	AY2010	AY2011	AY2012
4-Year Universities	1,712	1,745	1,951	2,436	2,808
2-Year Colleges	595	672	809	903	982
Private/Independent	236	222	323	338	423
Total	2,543	2,639	3,083	3,677	4,213
Growth		3.8%	16.8%	19.3%	14.6%

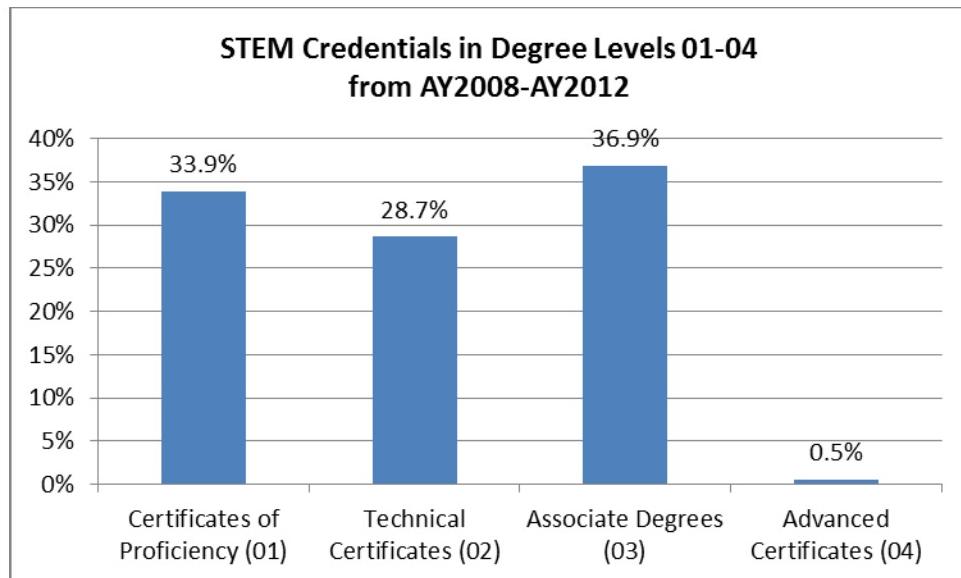


At the associate degree level, the total number of STEM graduates has increased 59.2% between AY2008 and AY2012. (This level includes Certificates of Proficiency, Technical Certificates, Associate Degrees, and Advanced Certificates).

Associate Degrees and Lower (including Advanced Certificate)					
Credentials Awarded	AY2008	AY2009	AY2010	AY2011	AY2012
4-Year Universities	118	149	144	134	151
2-Year Colleges	595	672	809	903	982
Private/Independent	0	0	2	0	2
Total	713	821	955	1,037	1,135
Growth		15.1%	14.4%	10.4%	9.5%

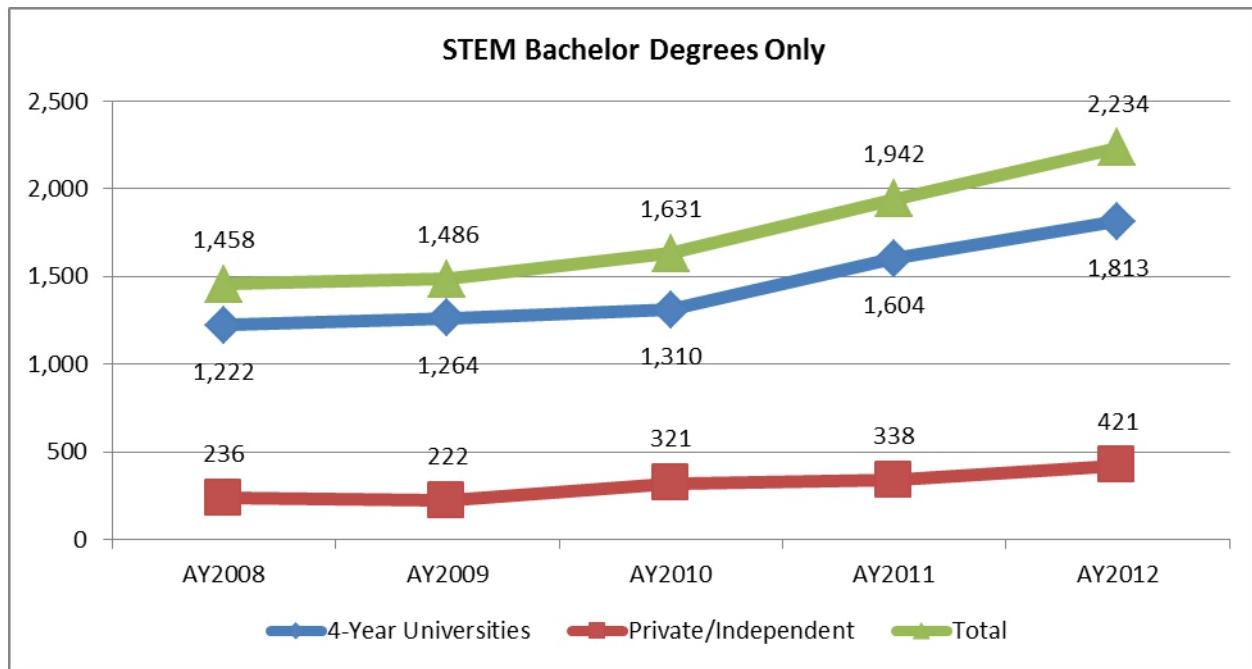


As the graph below indicates this lower level of credentials includes Certificates of Proficiency, Technical Certificates, Associate Degrees, and Advanced Certificates.



At the Bachelor's level, the total number of STEM graduates has increased by 53.2 percent over the 5-year period.

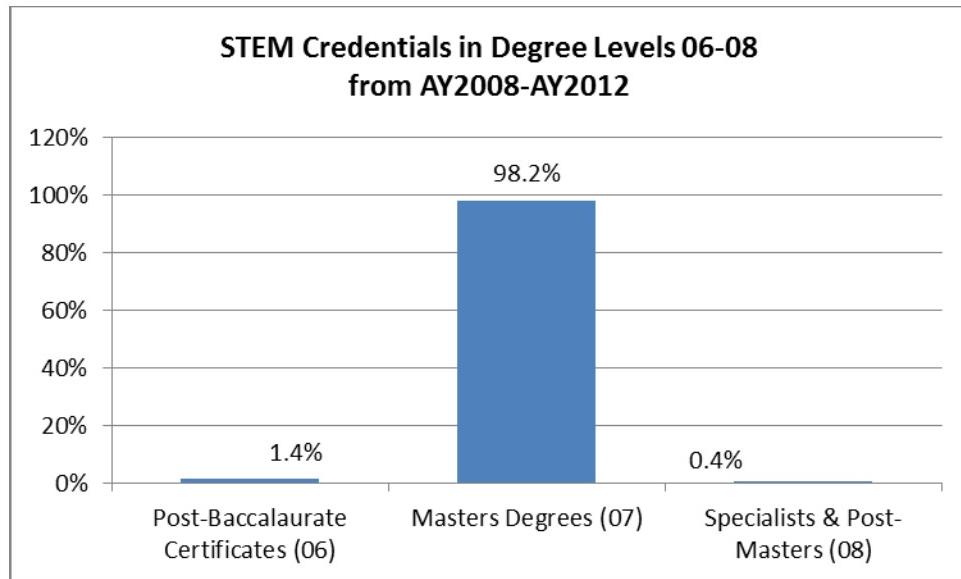
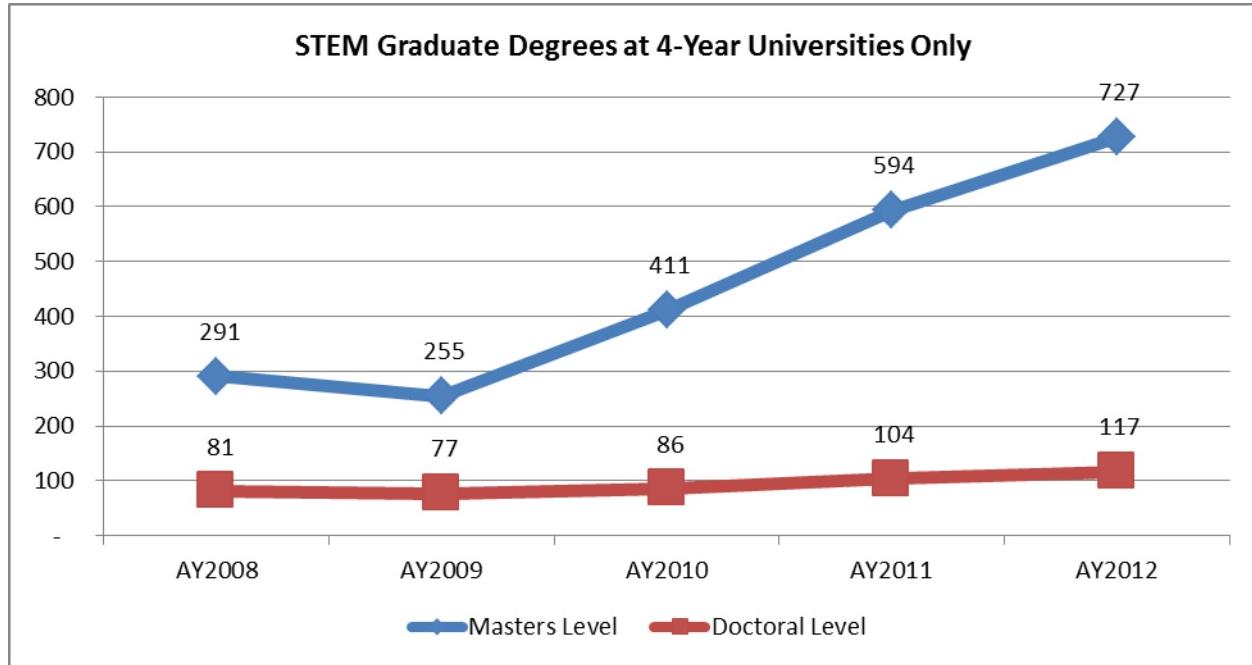
Bachelor Degrees Only					
Credentials Awarded	AY2008	AY2009	AY2010	AY2011	AY2012
4-Year Universities	1,222	1,264	1,310	1,604	1,813
Private/Independent	236	222	321	338	421
Total	1,458	1,486	1,631	1,942	2,234
Growth		1.9%	9.8%	19.1%	15.0%



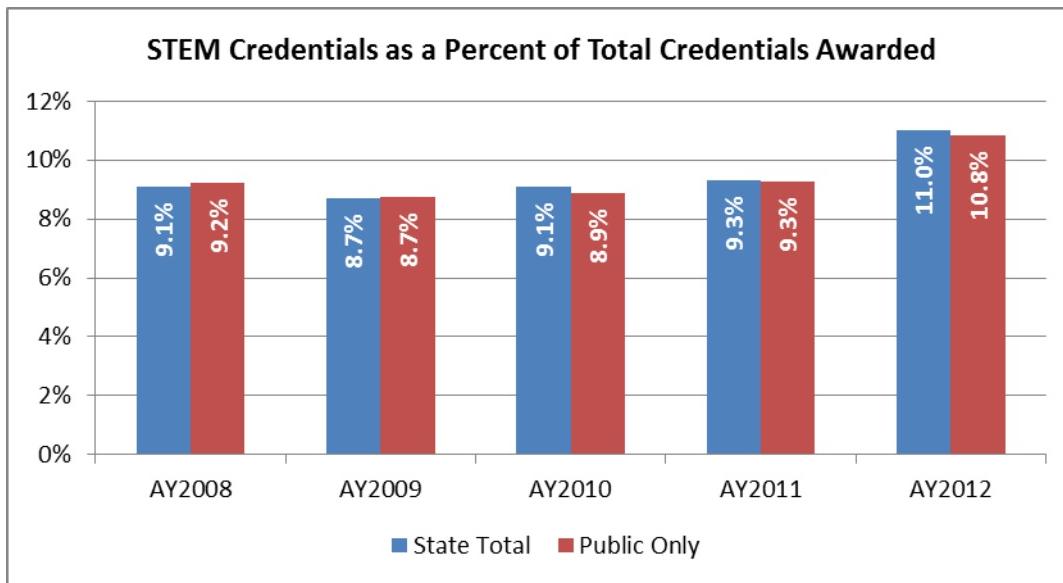
Increases have also occurred at the graduate levels. The Masters Level indicated below includes Master Degrees, Post-Baccalaureate Certificates, Specialist Degrees, and Post-Masters Certificates. This level has increased 149.8 percent over the 5-year period.

The Doctoral Level includes both the Doctor: Research/Scholarship and Doctor: Professional Practice degrees. However, there was no Doctor: Professional Practice credentials awarded during the 5-year period as these are not included in the STEM CIP Codes. Therefore, all of the doctoral level awards referenced below are Doctor: Research/Scholarship degrees and they increased by 44.4 percent over the 5-year period.

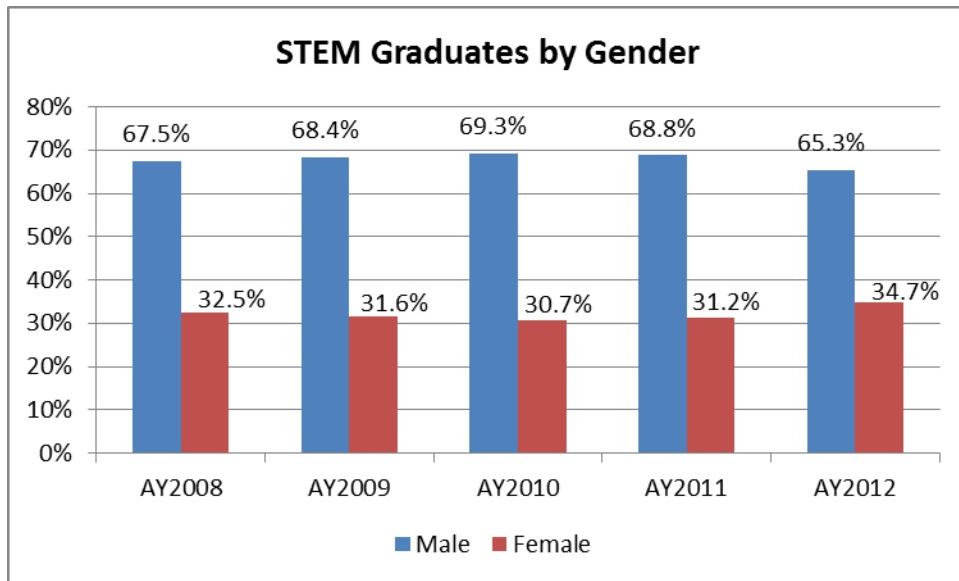
STEM Graduate Credentials at 4-Year Universities					
Credentials Awarded	AY2008	AY2009	AY2010	AY2011	AY2012
Masters Level	291	255	411	594	727
Growth		-12.4%	61.2%	44.5%	22.4%
Doctoral Level	81	77	86	104	117
Growth		-4.9%	11.7%	20.9%	12.5%



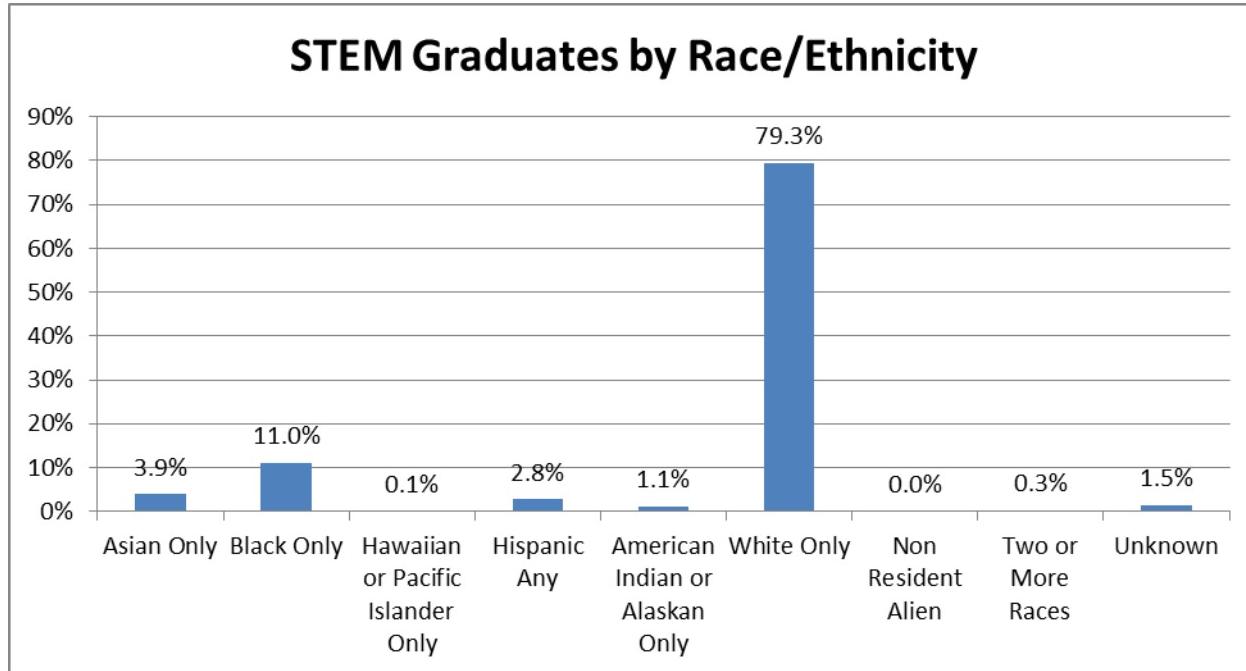
The below graphic shows that the number of STEM credentials awarded as compared to all credentials awarded is increasing slightly.



Interestingly, a major portion of STEM graduates are male.



STEM graduates are predominantly white. The following shows a summary by Race/Ethnicity for AY2012.



Credentials awarded in AY2008-AY2012 were in fifteen different CIP Categories (2-digit CIP Code). The percentages shown below represent the total credentials awarded in the 5-year period reviewed. Note that the Engineering Technologies (CIP 15) and Engineering (CIP 14) fields comprise 44.4 percent of the overall total. Also, the hard sciences (biology and physical science) along with engineering, computers, and mathematics constitute the top six categories and comprise 95.6 percent of the graduates.

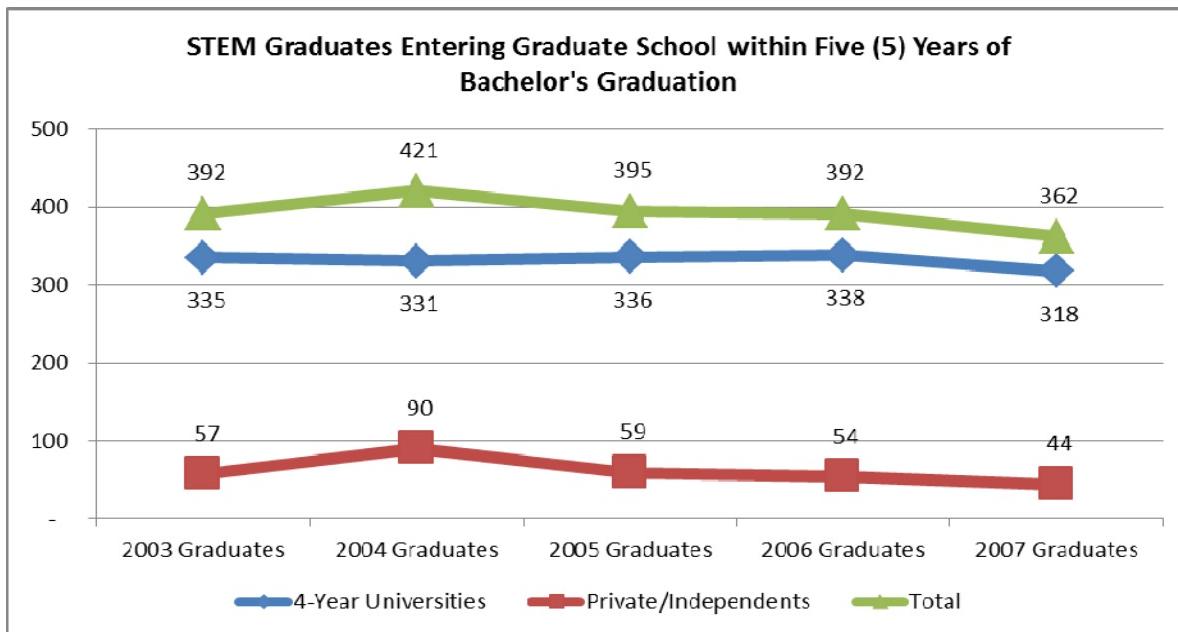
<b>CIP2</b>	<b>CIP Category</b>	<b>Graduates</b>	<b>Percent</b>
15	Engineering Technologies/Technicians	4,686	29.0%
26	Biological & Biomedical Sciences	3,489	21.6%
11	Computer & Information Sciences & Support Services	2,683	16.6%
14	Engineering	2,488	15.4%
40	Physical Sciences	1,437	8.9%
27	Mathematics and Statistics	669	4.1%
01	Agriculture, Agriculture Operations, & Related Services	258	1.6%
03	Natural Resources & Conservation	129	0.8%
13	Education	77	0.5%
51	Health Professions & Related Clinical Sciences	71	0.4%
30	Multi/Interdisciplinary Studies	67	0.4%
09	Communication, Journalism, & Related Programs	59	0.4%
29	Military Technologies	19	0.1%
43	Security & Protective Services	16	0.1%
10	Communications Technologies/Technicians & Support Services	7	0.0%

The twenty most popular individual CIP Codes are as follows.

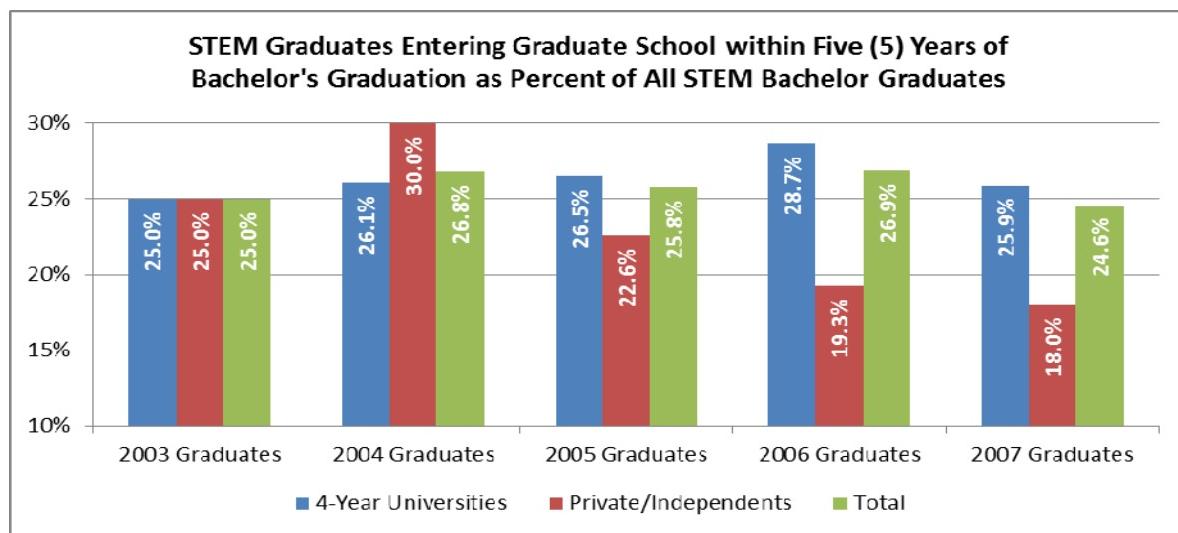
#	CIP2	CIP6	CIP Description	TOTAL
1	26	26.0101	Biology/Biological Sciences, General	3,073
2	11	11.0101	Computer and Information Sciences, General	1,249
3	40	40.0501	Chemistry, General	834
4	15	15.1501	Engineering/Industrial Management	748
5	15	15.0903	Petroleum Technology/Technician	742
6	15	15.1202	Computer Technology/Computer Systems Technology	680
7	14	14.1901	Mechanical Engineering	631
8	27	27.0101	Mathematics, General	572
9	15	15.1301	Drafting and Design Technology/Technician, General	450
10	14	14.1001	Electrical and Electronics Engineering	410
11	15	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	339
12	15	15.0613	Manufacturing Engineering Technology/Technician	333
13	15	15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	330
14	14	14.0101	Engineering, General	325
15	14	14.0801	Civil Engineering, General	309
16	40	40.0801	Physics, General	278
17	11	11.0901	Computer Systems Networking and Telecommunications	276
18	11	11.0103	Information Technology	273
19	14	14.3501	Industrial Engineering	233
20	15	15.1001	Construction Engineering Technology/Technician	216

## STEM Graduates Entering Graduate School

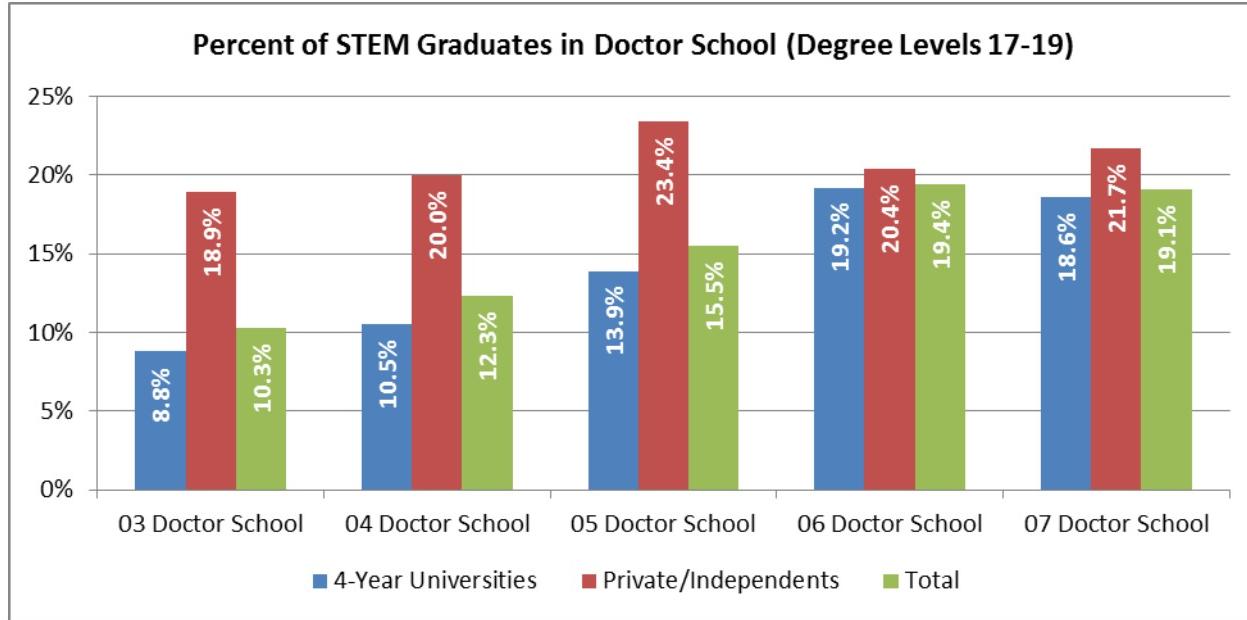
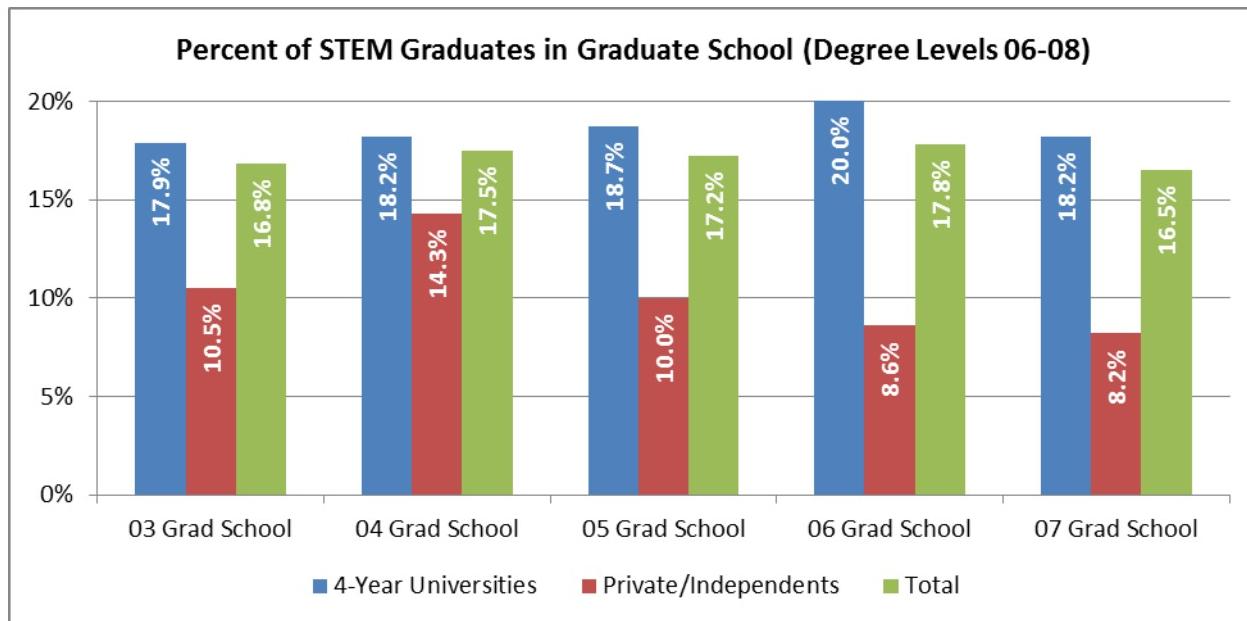
The following graph shows that the total number of students earning bachelor degrees in STEM fields and entering graduate school within five (5) years is decreasing. The total number has declined by 7.7 percentage points (-5.1 percent for 4-Year Universities and -22.8 percent for Private/Independent Institutions). (Graduates from AY2003 were reviewed for AY2004-AY2008, graduates from AY2004 were reviewed for AY2005-AY2009, graduates from AY2005 were reviewed for AY2006-AY2010, graduates from AY2006 were reviewed for AY2007-AY2011, and graduates from AY2007 were for reviewed AY2007-AY2012.)



In addition, STEM graduates entering graduate school expressed as a percentage of total STEM graduates is decreasing slightly. The below graph shows that the percentage of STEM graduates entering graduate school has dropped by 0.4 percent (from 25.0 percent to 24.6 percent). The percentage for 4-Year Universities has increased by 0.9 percent whereas the percentage for Private/Independent Institutions has decreased by 7.0 percent.



The next two graphs illustrate (1) the percent of STEM graduates entering graduate school (seeking a Post-Baccalaureate Certificate, a Masters Degree, or a Specialist Degree/Post-Masters Certificate) within five (5) years; and (2) the percent of STEM graduates entering doctoral school (seeking a Doctoral: Research/Scholarship Degree, Doctoral: Professional Practice Degree, or other similar credential) within five (5) years.



The 4-Year Universities have a higher percentage of STEM graduates entering the lower level of graduate school (Masters, etc. level) whereas the Private/Independent Institutions have a higher percentage of STEM graduates entering the upper level (Doctors, etc.).

Note that the graduate programs referenced above may not be a STEM program. Also, the percentages shown for graduate levels and doctoral levels may exceed the total shown for graduate school. This is

due to some students enrolling twice within the 5-year period, for example, a student enrolling in a master's degree program, earning the master's degree, and then going on to a doctoral program.

## **Education**

The following three CIP Codes are the only “Educational” STEM programs: 13.0501 Educational/Instructional Technology, 13.0601 Educational Evaluation and Research, and 13.0603 Educational Statistics and Research Methods. No CIP Codes for education were present in the 2010 and before version of the STEM Codes and only one CIP Code for education was present in the 2011 version of the STEM Codes (13.0603).

In Arkansas, the only public institutions with matching CIP Codes are:

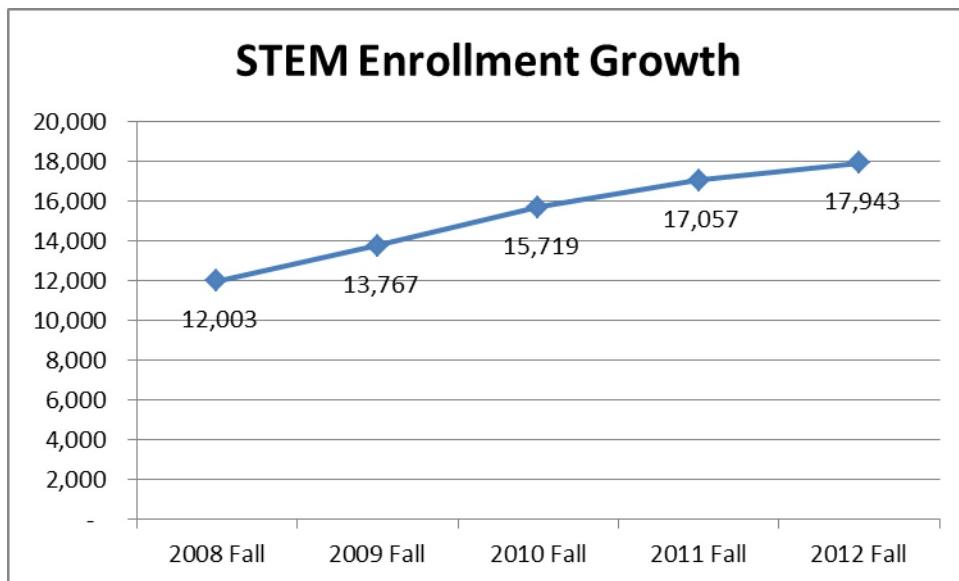
<b>Inst. Type</b>	<b>Institution</b>	<b>Degree Level</b>	<b>Award</b>	<b>Degree Name</b>	<b>CIP 2010 Code</b>	<b>CIP 2010 Detail</b>
1	ATU	7	MEd	Instructional Technology	13	0501
1	SAUM	7	MEd	Library Media	13	0501
1	UAF	7	MEd	Educational Technology	13	0501
1	UAF	7	MEd	Instructional Technology	13	0501
1	UAF	8	PMC	Educational Program Evaluation	13	0601
1	UALR	7	MEd	Learning Systems Technology	13	0501
1	UAM	6	GC	Technology	13	0501
1	UCA	6	GC	Instructional Technology-Distance Education	13	0501
1	UCA	6	GC	Instructional Technology-Media Design and Development	13	0501
1	UCA	6	GC	Instructional Technology-Technical Support	13	0501
1	UCA	7	MS	Instructional Technology	13	0501
1	UCA	7	MSE	Library Media & Information Technologies	13	0501
2	SAUT	1	CP	Multimedia Audio / Video Production	13	0501
2	SAUT	3	AAS	Multimedia Audio / Video Production	13	0501
2	SEAC	1	CP	Video Production & Distance Learning Technology	13	0501

The credentials awarded in these “Educational” STEM programs in AY2011 and AY2012 were as follows.

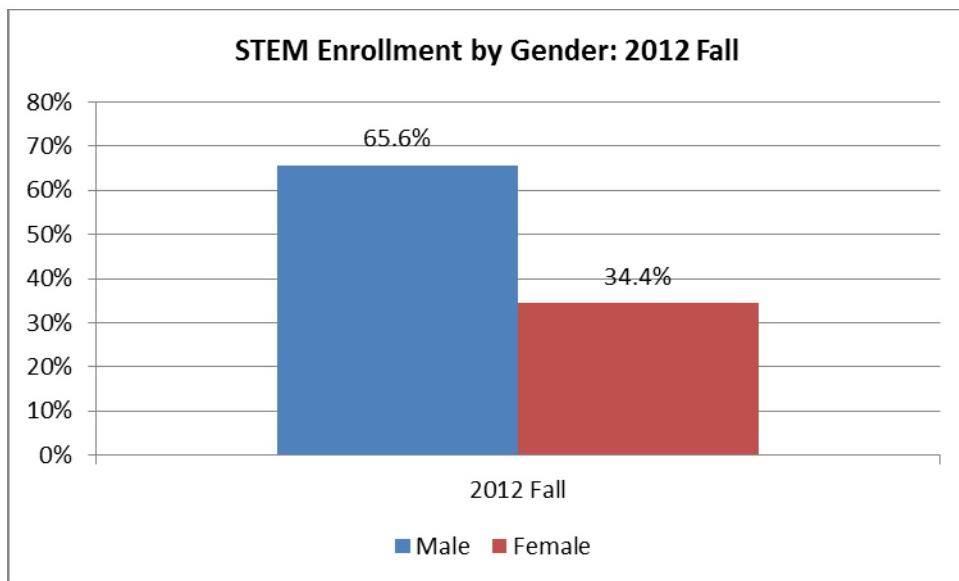
<b>Inst. Type</b>	<b>Institution</b>	<b>CIP Code</b>	<b>Degree Level</b>	<b>Award</b>	<b>Degree Name</b>	<b>AY2011</b>	<b>AY2012</b>	<b>Total</b>
1	ATU	13.0501	7	MEd	Instructional Technology	18	14	32
1	SAUM	13.0501	7	MEd	Library Media	12	16	28
1	UAF	13.0501	7	MEd	Educational Technology	5	9	14
1	UAF	13.0601	8	PMC	Educational Program Evaluation	1	0	1
1	UALR	13.0501	7	MEd	Learning Systems Technology	18	17	35
1	UCA	13.0501	7	MS	Instructional Technology	3	9	12
Totals						57	65	122

## **Enrollment Trends**

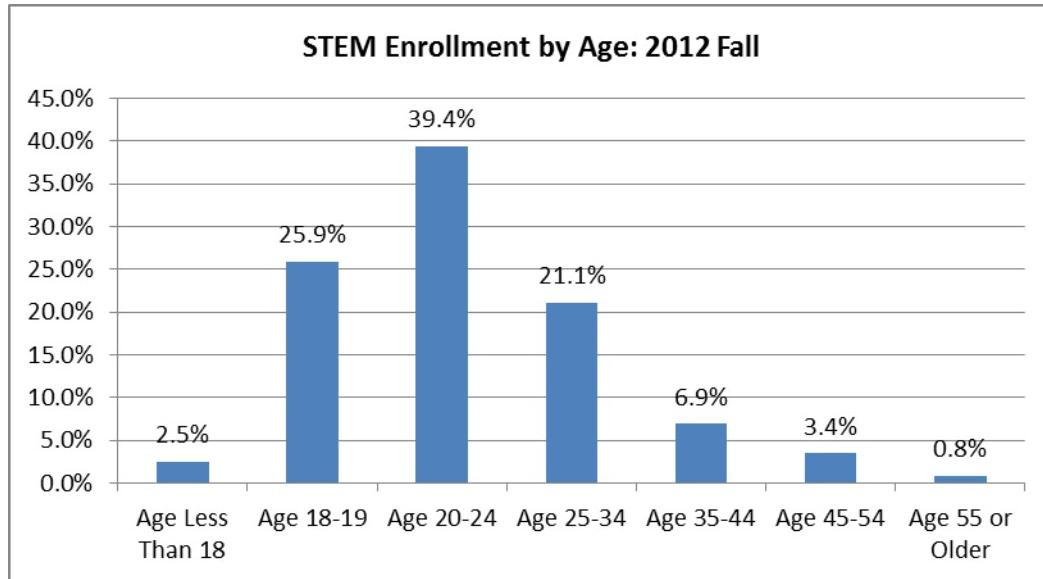
As the following chart illustrates, STEM enrollment has increased substantially. Over the entire 5-year period, STEM enrollment has increased by 49.5 percent. However, this growth has significantly slowed as growth over the last 1-year (fall-to-fall) was only 5.2 percent.



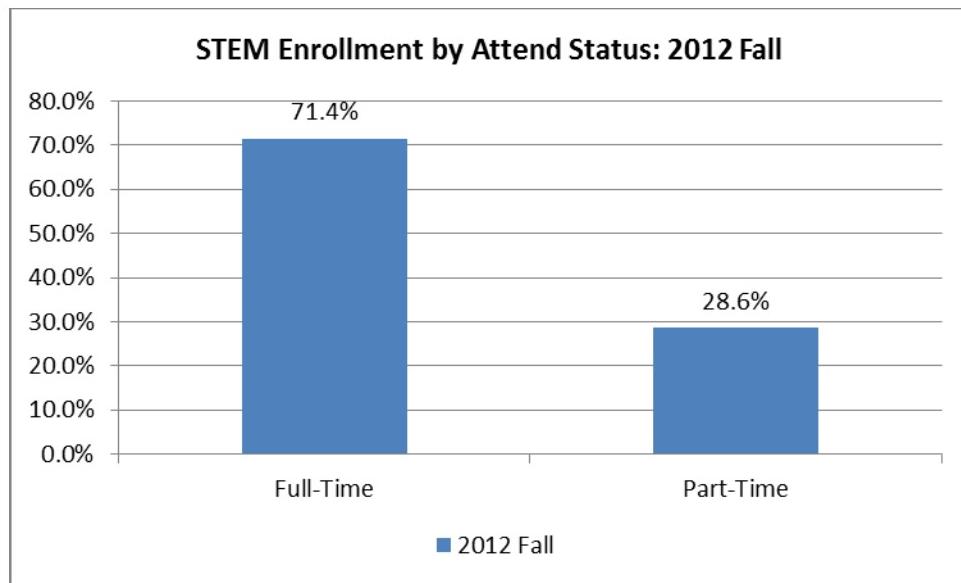
Males substantially outnumber females in the STEM fields.



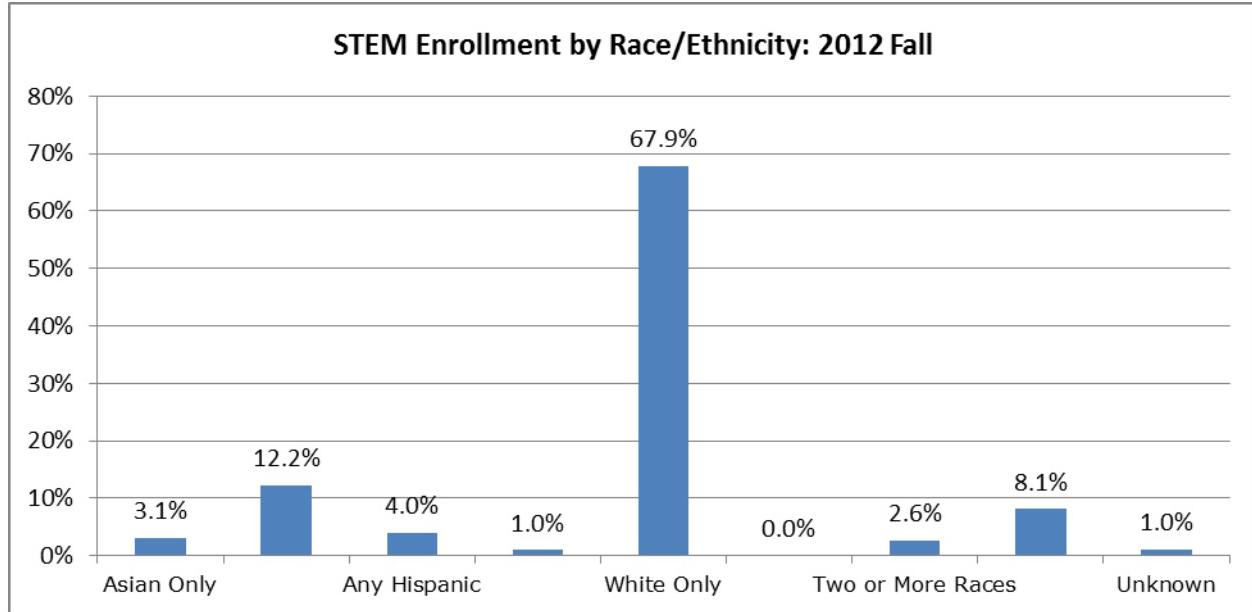
Approximately two-thirds (67.7 percent) of STEM students are age 24 or younger.



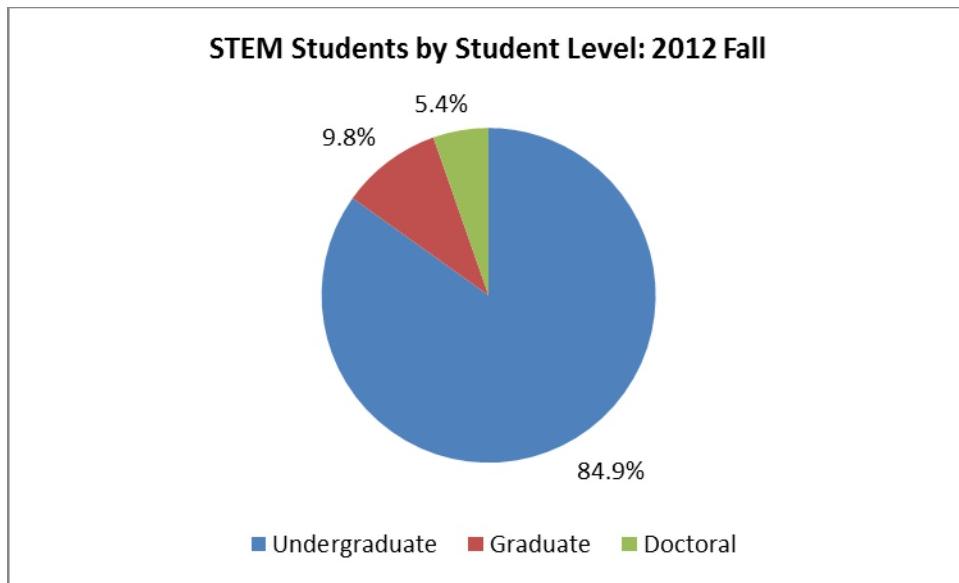
Most STEM students attend college on a full-time basis (71.4 percent).



Whites substantially outnumber other races/ethnicities in the STEM fields.

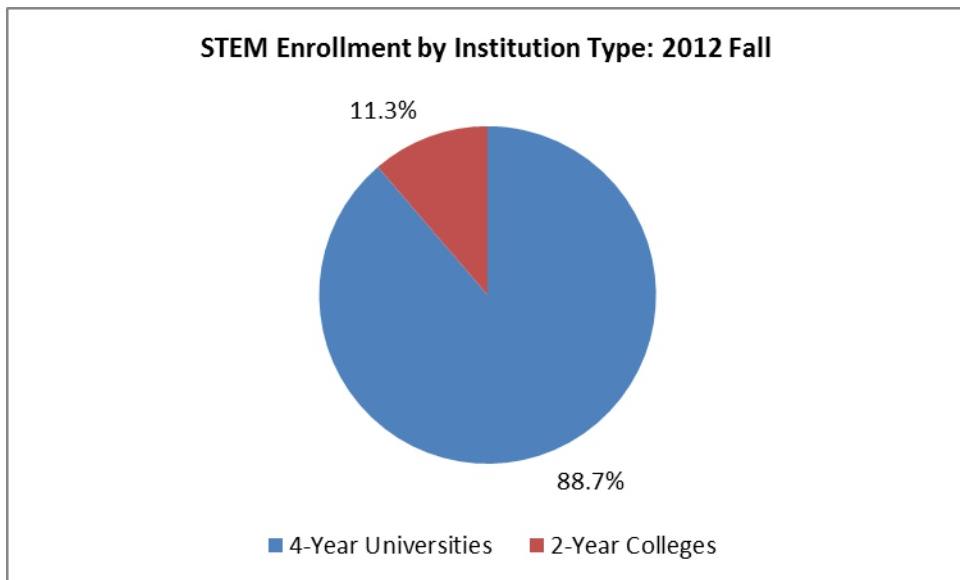


The vast majority of STEM students are undergraduate students.

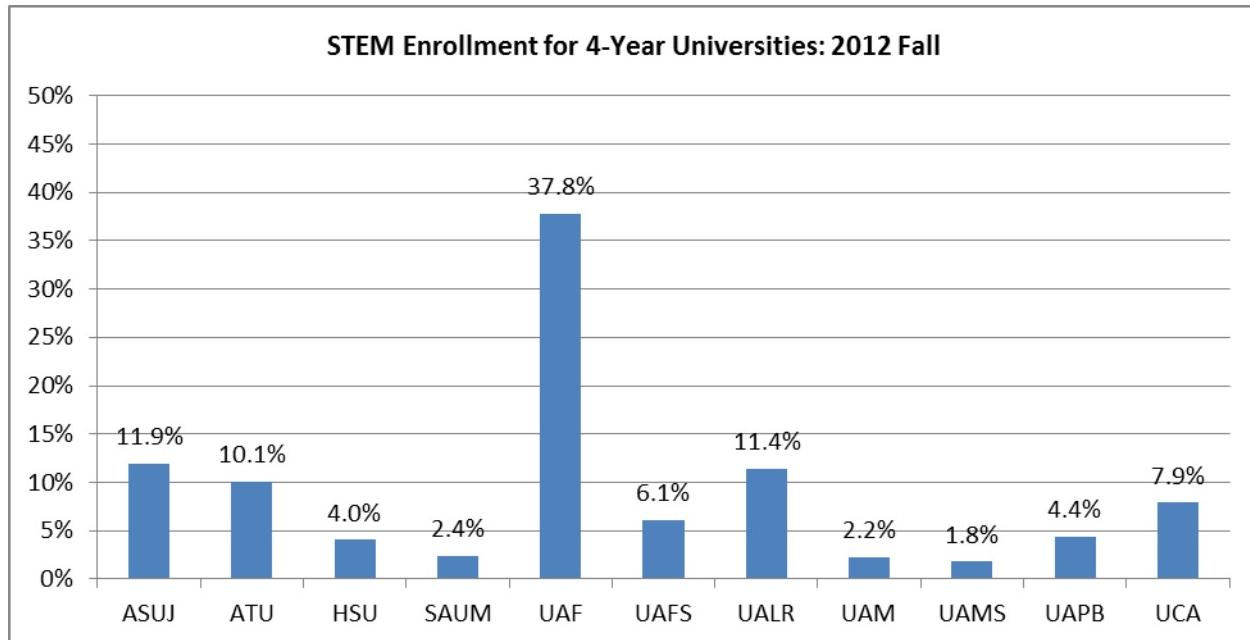


## STEM Enrollment at Institutions

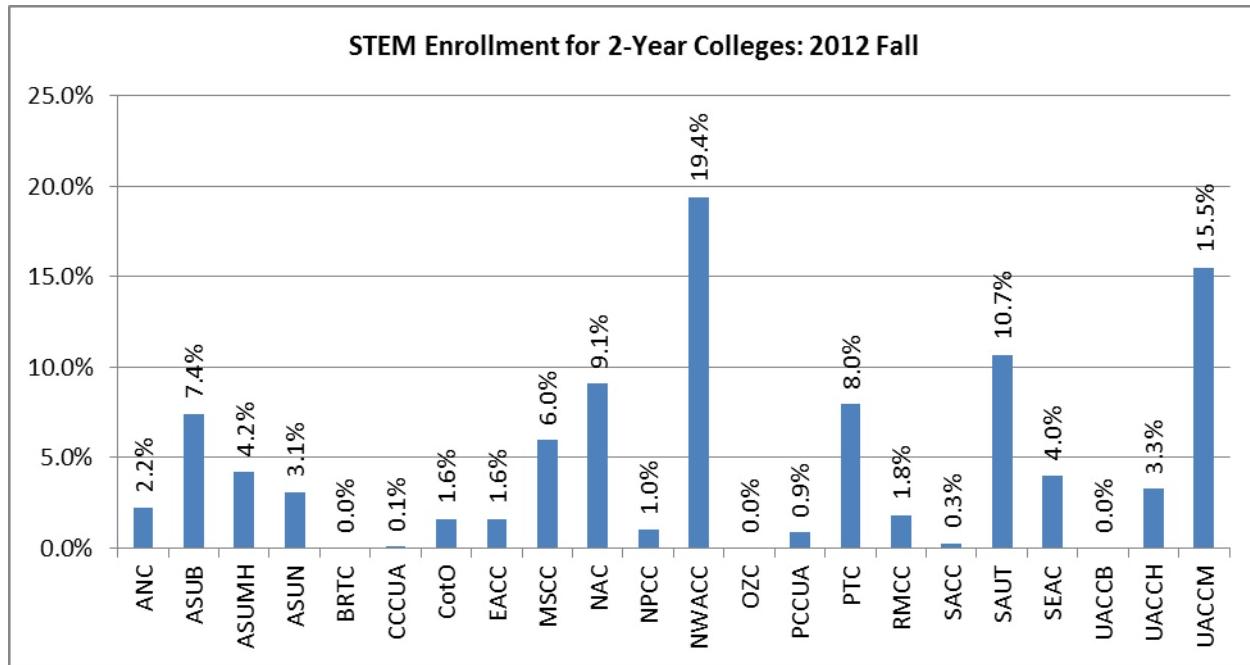
ADHE can track STEM enrollment at public institutions of higher education only. The pie chart below shows that the vast majority of STEM students are enrolled at public 4-Year Universities.



UAF (University of Arkansas, Fayetteville) has the largest share of STEM students followed by ASUJ (Arkansas State University at Jonesboro), UALR (University of Arkansas at Little Rock), and ATU (Arkansas Tech University).



While the 2-Year Colleges do not enroll as many STEM students, the enrollment percentage by institution is shown below. NWACC (Northwest Arkansas Community College) has the largest share followed by UACCM (University of Arkansas Community College at Morrilton), and SAUT (Southern Arkansas University – Tech).



## Teachers for STEM Fields

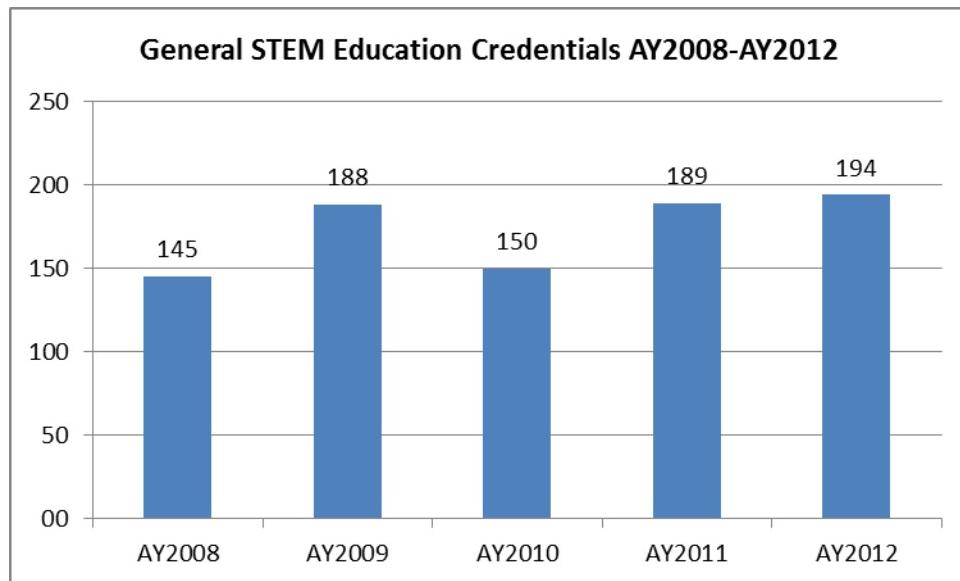
As noted above, the STEM CIP Codes have few listings for education majors. Therefore, this report takes a different approach in identifying such graduates and students. The following degree names were identified as being in the general STEM category.

1. Advanced Emergency Medical Technology - Paramedic Education
2. Agricultural Education
3. Educational Statistics & Research Methods
4. Educational Statistics and Research Methods
5. Educational Technology
6. Emergency Medical Service - Paramedic Education
7. Health Sciences Education
8. Human Sciences Education
9. Instructional Technology
10. Learning Systems Technology
11. Library Media
12. Mathematics Education
13. Medical Professions Education
14. Multimedia Audio / Video Production
15. Multimedia Film and Video Production
16. Science Education
17. Secondary Science Education

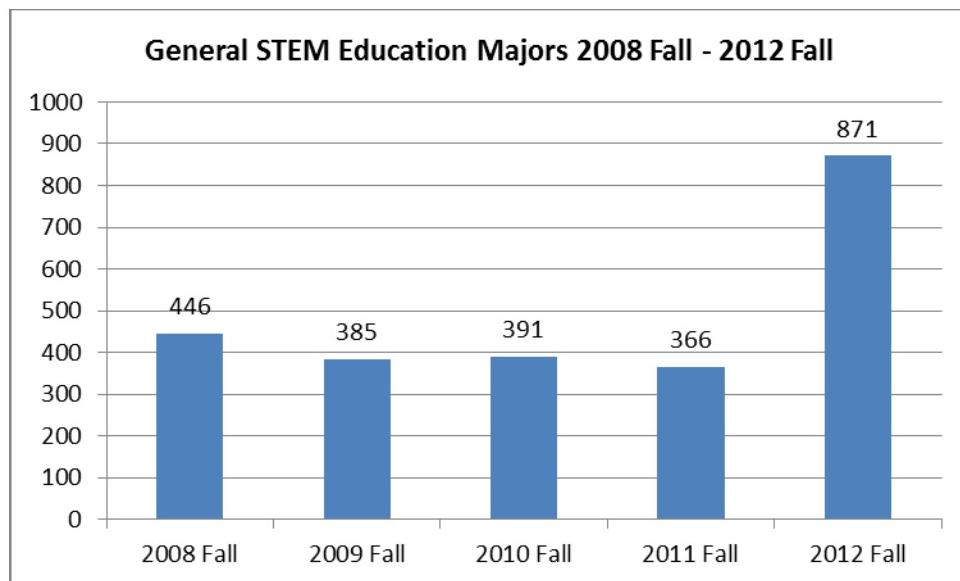
In addition, the Student Information System Database (SISDB) maintained by ADHE contains two fields that identify education students other than their major. These fields are included because many

education majors are identified by CIP Code other than 13 (Education). For example, a Biology Education major may be reported as CIP 26 (Biological and Biomedical Sciences) rather than CIP 13. These fields are EE CIP Code (found in the graduated student file) and UTeach (found in the student file).

In using the above list and the EE CIP Code field from the graduate file, the following is obtained.



Using the list above and the UTeach field in the student file, the following is obtained. The large increase in the 2012 Fall term is mainly due to the use of the UTeach field as it was first implemented in AY2013.



## **Discussion**

The good news:

- Overall, the number of total STEM credentials awarded has increased 65.7 percent from AY2008 to AY2012.
- STEM credentials awarded for the associate level (including lower level certificates) credentials awarded are up by 59.2 percent from AY2008 to AY2012.
- STEM credentials awarded for bachelor's degrees are up by 53.2 percent from AY2008 to AY2012.
- STEM credentials awarded for graduate level (masters, etc.) are up by 149.8 percent from AY2008 to AY2012.
- STEM credentials awarded for doctoral level are up by 44.4 percent from AY2008 to AY2012.
- Overall STEM enrollment is up by 49.5 percent from the 2008 Fall term to the 2012 Fall term.

The bad news:

- The percent of STEM students graduating with a Bachelor's and going to graduate school has dropped from 25.0 percent (AY2003 graduates) to 24.6 percent (AY2007 graduates). However, the three middle years showed higher rates of 26.8, 25.8 and 26.9 percent respectively, so such decrease may simply be an anomaly.
- A substantial portion of the increase in STEM credentials awarded and enrollment is due to the increase in the number of CIP Codes identified as STEM by ICE.

## **Summary and Recommendations**

STEM means jobs!!!! Nearly two-thirds of the jobs in today's economy are high-skill positions. The Arkansas workforce has fewer than half the number of qualified candidates needed to fill these positions. In Arkansas, STEM enrollments have increased over the past five years but not enough to continue the graduation pool so that STEM graduates fill the many job openings that are available. In addition, total credentials awarded in the STEM fields increased but at a slower pace. The number of Baccalaureate credentials awarded has increased over the same time period (page 1). Aside from the small downturn in the number of STEM graduates for AY2007, this should represent a significant accomplishment for higher education officials and faculty – that efforts are working to improve the number of students obtaining STEM credentials from an output perspective (more graduates) and from an input perspective (more majors). In addition, increasing the number of graduates will increase the number of job seekers to fill the STEM jobs in Arkansas.

Arkansas policymakers, business and industry, and educators must consider these outcomes in order to fix the gap between employers and STEM job seekers:

1. Create the basis for a new data-driven jobs and careers marketplace that will accurately reflect the employment needs of companies and the skill requirements necessary to obtain jobs, making it easier for both sides to match supply and demand;
2. Inform educators and policymakers of the innovation needed in the classroom and beyond to better align skills with jobs;
3. Produce a statewide leadership consensus on implementing programs that demonstrate success and can scale to a statewide level;
4. Showcase the industry/government/education partnerships that are doing the best at aligning skills with jobs;

5. Increase public and political awareness of the expanding skills gap and the devastating effect it is having on the economy as a whole and certain segments of Arkansas' society in particular.

In order to increase the number of graduates, higher education institutions should consider establishing support mechanisms, such as:

1. Create residential STEM communities or STEM dormitories;
2. Provide special access to tutors;
3. Create customized or special new student orientations for STEM students;
4. Create and promote STEM student organizations and/or social organizations;
5. Provide targeted scholarships for juniors and/or seniors in STEM fields;
6. Develop education and engineering internships for STEM students;
7. Continue to develop new programs, such as UTeach, to increase the number of new, certified secondary STEM teachers;
8. Train college faculty to use technology in classroom instruction;
9. Improve data collection at the university and state levels in STEM education fields as well as in STEM hard sciences so that there is accurate data on which to study trends;
10. Increase graduate assistantships and other mechanisms to promote research, laboratory science, and engineering opportunities; and
11. Promote the need of STEM majors in the workforce after college graduation in the state of Arkansas. With gas companies moving to Arkansas to drill for natural gas, there has been a surge in the number of engineers needed in the state.

Additionally, K-12 and higher education agencies should:

1. Develop the vision for every high school to have a 21<sup>st</sup> century learning environment;
2. Integrate engineering education into K-12 instruction by designing challenging content and curricula frameworks and assessments that include engineering;
3. Increase engineering and technology teacher preparation programs and recruit qualified teachers to provide engineering education in high-needs schools;
4. Promote aspirations for a STEM career particularly in engineering among diverse student populations, especially among girls and underrepresented minorities;
5. Invest in afterschool K-12 STEM programs;
6. Invite non-profit organizations and informal science organizations to sponsor after school STEM programs;
7. Invest in professional development that trains teachers how to incorporate technology into the instructional process;
8. Allow students to use technology to facilitate learning while working on educational projects that incorporate curriculum elements from multiple classes;
9. Increase the rigor and time for hands-on learning, and the understanding of science concepts in the elementary schools (K-5);
10. Promote STEM competitions such as Math Counts, robotics competitions, and science fairs; and
11. Promote active partnerships among K-12 school administrators, teachers and business, manufacturing and engineering professionals.

## **List of Attachments**

- Attachment 1 STEM Credentials Awarded for AY2008 – 2012 by STEM CIP Code
- Attachment 2 STEM Credentials Awarded for AY2008 – 2012 by Institution
- Attachment 3 STEM Credentials Awarded for AY2008 – 2012 by Institution and Degree Level
- Attachment 4 STEM Bachelor Graduates in Graduate School
- Attachment 5 General STEM Education Credentials Awarded
- Attachment 6 General STEM Education Majors
- Attachment 7 Potential UTeach Participants
- Attachment 8 STEM CIP Codes from ICE

## STEM Graduates by CIP Detail

NOTE: This is actually a count of credentials awarded.

#	Inst Type	CIP2	CIP6	CIP Description	Graduating Academic Years					
					2008	2009	2010	2011	2012	Total
1	ALL	01	01.0901	Animal Sciences, General	-	-	-	48	59	107
2	ALL	01	01.0907	Poultry Science	-	-	-	28	21	49
3	ALL	01	01.1001	Food Science	-	-	-	20	27	47
4	ALL	01	01.1002	Food Technology and Processing	-	-	-	-	1	1
5	ALL	01	01.1101	Plant Sciences, General	-	-	-	11	5	16
6	ALL	01	01.1102	Agronomy and Crop Science	-	-	-	10	20	30
7	ALL	01	01.1103	Horticultural Science	-	-	-	3	5	8
8	ALL	03	03.0103	Environmental Studies	-	-	-	-	30	30
9	ALL	03	03.0104	Environmental Science	-	-	-	34	27	61
10	ALL	03	03.0601	Wildlife, Fish and Wildlands Science and Management	-	-	-	-	38	38
11	ALL	09	09.0702	Digital Communication and Media/Multimedia	-	-	-	30	29	59
12	ALL	10	10.0304	Animation, Interactive Technology, Video Graphics and Special Effects	-	-	-	-	7	7
13	ALL	11	11.0101	Computer and Information Sciences, General	198	194	249	287	321	1,249
14	ALL	11	11.0103	Information Technology	52	56	41	63	61	273
15	ALL	11	11.0199	Computer and Information Sciences, Other	-	-	-	-	20	20
16	ALL	11	11.0201	Computer Programming/Programmer, General	3	8	24	13	18	66
17	ALL	11	11.0202	Computer Programming, Specific Applications	1	-	-	-	-	1
18	ALL	11	11.0203	Computer Programming, Vendor/Product Certification	7	5	4	9	5	30
19	ALL	11	11.0301	Data Processing and Data Processing Technology/Technician	57	70	31	23	31	212
20	ALL	11	11.0401	Information Science/Studies	19	29	27	30	49	154
21	ALL	11	11.0501	Computer Systems Analysis/Analyst	28	28	4	4	5	69
22	ALL	11	11.0701	Computer Science	48	35	30	45	50	208
23	ALL	11	11.0801	Web Page, Digital/Multimedia and Information Resources Design	1	-	5	3	3	12
24	ALL	11	11.0899	Computer Software and Media Applications, Other	-	-	-	-	14	14
25	ALL	11	11.0901	Computer Systems Networking and Telecommunications	56	59	44	61	56	276
26	ALL	11	11.1001	Network and System Administration/Administrator	-	3	1	1	-	5
27	ALL	11	11.1002	System, Networking, and LAN/WAN Management/Manager	6	7	8	12	21	54
28	ALL	11	11.1003	Computer and Information Systems Security/Information Assurance	1	5	17	6	8	37
29	ALL	11	11.1004	Web/Multimedia Management and Webmaster	2	-	-	-	1	3
30	ALL	13	13.0501	Educational/Instructional Technology	-	-	-	-	65	65
31	ALL	13	13.0603	Educational Statistics and Research Methods	-	-	-	7	5	12
32	ALL	14	14.0101	Engineering, General	59	64	78	60	64	325
33	ALL	14	14.0301	Agricultural Engineering	22	30	25	24	28	129
34	ALL	14	14.0701	Chemical Engineering	36	35	35	47	32	185
35	ALL	14	14.0801	Civil Engineering, General	47	58	72	63	69	309
36	ALL	14	14.0804	Transportation and Highway Engineering	-	-	1	1	-	2
37	ALL	14	14.0901	Computer Engineering, General	30	32	20	25	23	130
38	ALL	14	14.0903	Computer Software Engineering	-	-	-	1	1	2
39	ALL	14	14.1001	Electrical and Electronics Engineering	76	82	77	97	78	410
40	ALL	14	14.1201	Engineering Physics/Applied Physics	1	-	1	1	2	5
41	ALL	14	14.1401	Environmental/Environmental Health Engineering	5	2	-	2	-	9
42	ALL	14	14.1901	Mechanical Engineering	83	97	143	141	167	631
43	ALL	14	14.2701	Systems Engineering	6	19	20	30	41	116
44	ALL	14	14.3501	Industrial Engineering	49	40	31	59	54	233
45	ALL	14	14.3701	Operations Research	-	2	-	-	-	2
46	ALL	15	15.0000	ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED FIELDS	1	-	-	-	-	1
47	ALL	15	15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	69	41	46	93	81	330
48	ALL	15	15.0399	Electrical and Electronic Engineering Technologies/Technicians, Other	-	-	-	-	11	11
49	ALL	15	15.0401	Biomedical Technology/Technician	1	5	5	2	4	17
50	ALL	15	15.0403	Electromechanical Technology/Electromechanical Engineering Technology	3	7	18	23	17	68
51	ALL	15	15.0404	Instrumentation Technology/Technician	1	-	-	-	-	1
52	ALL	15	15.0499	Electromechanical and Instrumentation and Maintenance Technologies/Technicians, Other	-	-	-	-	23	23
53	ALL	15	15.0507	Environmental Engineering Technology/Environmental Technology	16	19	13	8	12	68
54	ALL	15	15.0508	Hazardous Materials Management and Waste Technology/Technician	6	-	-	-	-	6
55	ALL	15	15.0611	Metallurgical Technology/Technician	3	2	2	5	7	19
56	ALL	15	15.0612	Industrial Technology/Technician	38	40	26	42	47	193
57	ALL	15	15.0613	Manufacturing Engineering Technology/Technician	4	74	77	98	80	333
58	ALL	15	15.0702	Quality Control Technology/Technician	1	-	-	-	-	1
59	ALL	15	15.0801	Aeronautical/Aerospace Engineering Technology/Technician	-	-	-	16	21	37
60	ALL	15	15.0805	Mechanical Engineering/Mechanical Technology/Technician	9	6	8	16	13	52
61	ALL	15	15.0903	Petroleum Technology/Technician	73	131	183	183	172	742
62	ALL	15	15.1001	Construction Engineering Technology/Technician	42	48	33	56	37	216
63	ALL	15	15.1102	Surveying Technology/Surveying	37	40	60	34	34	205
64	ALL	15	15.1201	Computer Engineering Technology/Technician	2	8	6	9	4	29
65	ALL	15	15.1202	Computer Technology/Computer Systems Technology	162	124	105	132	157	680

STEM Awards, by CIP Detail											
#	Inst Type	CIP2	CIP6	CIP Description	Graduating Academic Years						
					2008	2009	2010	2011	2012	Total	
66	ALL	15	15.1301	Drafting and Design Technology/Technician, General	83	73	96	108	90	450	
67	ALL	15	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	77	92	73	59	38	339	
68	ALL	15	15.1401	Nuclear Engineering Technology/Technician	11	13	18	22	20	84	
69	ALL	15	15.1501	Engineering/Industrial Management	-	-	221	264	263	748	
70	ALL	15	15.9999	Engineering Technologies and Engineering-Related Fields, Other	-	-	-	-	33	33	
71	ALL	26	26.0101	Biology/Biological Sciences, General	556	527	633	640	717	3,073	
72	ALL	26	26.0202	Biochemistry	3	11	7	6	11	38	
73	ALL	26	26.0210	Biochemistry and Molecular Biology	14	27	31	30	42	144	
74	ALL	26	26.0305	Plant Pathology/Phytopathology	5	2	9	4	4	24	
75	ALL	26	26.0403	Anatomy	6	1	1	2	3	13	
76	ALL	26	26.0406	Cell/Cellular and Molecular Biology	12	6	7	22	14	61	
77	ALL	26	26.0503	Medical Microbiology and Bacteriology	8	2	3	-	5	18	
78	ALL	26	26.0702	Entomology	3	9	3	5	3	23	
79	ALL	26	26.0707	Animal Physiology	8	10	4	3	4	29	
80	ALL	26	26.0806	Human/Medical Genetics	1	6	3	5	5	20	
81	ALL	26	26.1001	Pharmacology	4	5	1	1	4	15	
82	ALL	26	26.1004	Toxicology	3	2	2	-	1	8	
83	ALL	26	26.1103	Bioinformatics	3	5	3	5	6	22	
84	ALL	26	26.9999	Biological and Biomedical Sciences, Other	-	-	-	-	1	1	
85	ALL	27	27.0101	Mathematics, General	108	99	113	110	142	572	
86	ALL	27	27.0301	Applied Mathematics, General	12	12	13	10	12	59	
87	ALL	27	27.0501	Statistics, General	5	5	8	8	8	34	
88	ALL	27	27.0599	Statistics, Other	-	-	-	-	4	4	
89	ALL	29	29.0101	Military Technologies	1	3	-	-	-	4	
90	ALL	29	29.9999	Military Technologies and Applied Sciences, Other	-	-	-	-	15	15	
91	ALL	30	30.0101	Biological and Physical Sciences	-	-	-	23	38	61	
92	ALL	30	30.1901	Nutrition Sciences	-	-	-	3	3	6	
93	ALL	40	40.0101	Physical Sciences	17	16	21	10	36	100	
94	ALL	40	40.0203	Planetary Astronomy and Science	1	1	5	2	3	12	
95	ALL	40	40.0501	Chemistry, General	145	141	153	209	186	834	
96	ALL	40	40.0508	Chemical Physics	1	1	1	1	2	6	
97	ALL	40	40.0599	Chemistry, Other	-	-	-	-	2	2	
98	ALL	40	40.0601	Geology/Earth Science, General	40	17	30	35	48	170	
99	ALL	40	40.0699	Geological and Earth Sciences/Geosciences, Other	-	-	-	-	9	9	
100	ALL	40	40.0801	Physics, General	55	48	54	53	68	278	
101	ALL	40	40.0899	Physics, Other	-	-	-	-	5	5	
102	ALL	40	40.1002	Materials Chemistry	-	-	-	9	12	21	
103	ALL	43	43.0106	Forensic Science and Technology	-	-	-	12	4	16	
104	ALL	51	51.1002	Cytotechnology/Cytotechnologist	-	-	-	-	7	7	
105	ALL	51	51.1005	Clinical Laboratory Science/Medical Technology/Technologist	-	-	-	-	64	64	
					ALL Totals	2,543	2,639	3,083	3,677	4,213	16,155

**STEM Total Degrees and Certificates Awarded  
by Academic Year and Institution**

#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	167	171	205	277	288
2	1	ATU	164	180	180	225	260
3	1	HSU	44	33	45	47	46
4	1	SAUM	48	38	31	48	73
5	1	UAF	658	669	851	1,144	1,195
6	1	UAFS	111	144	136	110	112
7	1	UALR	223	241	217	279	342
8	1	UAM	42	40	57	56	101
9	1	UAMS	31	36	16	29	94
10	1	UAPB	58	53	52	62	88
11	1	UCA	166	140	161	159	209
12	2	ANC	4	5	6	21	10
13	2	ASUB	149	119	85	113	93
14	2	ASUMH	18	21	26	18	39
15	2	ASUN	1	9	35	42	37
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	7	5	4	9	5
18	2	CotO	9	22	99	30	39
19	2	EACC	63	36	49	43	53
20	2	MSCC	12	31	30	27	31
21	2	NAC	20	42	51	37	56
22	2	NPCC	3	1	7	7	11
23	2	NWACC	41	43	41	69	63
24	2	OZC	-	-	-	-	-
25	2	PCCUA	32	54	26	59	23
26	2	PTC	31	17	24	18	34
27	2	RMCC	2	2	2	6	3
28	2	SACC	-	2	-	-	-
29	2	SAUT	41	34	19	34	86
30	2	SEAC	31	50	41	52	72
31	2	UACCB	-	-	-	-	-
32	2	UACCH	5	2	16	55	46
33	2	UACCM	126	177	248	263	281
34	P	ABC	-	-	-	-	-
35	P	CBC	5	7	11	11	15
36	P	CRC	-	-	-	-	-
37	P	HC	39	47	82	72	99
38	P	HU	77	65	77	89	123
39	P	JBU	29	21	41	62	53
40	P	LC	22	25	31	29	27
41	P	OBU	34	38	35	27	54
42	P	PSC	3	10	14	20	26
43	P	UO	15	7	17	17	20
44	P	WBC	12	2	15	11	6
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			1,712	1,745	1,951	2,436	2,808
2-Year Colleges			595	672	809	903	982
Independent/Vocational			236	222	323	338	423
Total			2,543	2,639	3,083	3,677	4,213

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

DIPLOMAS								
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012	
1	1	ASUJ	-	-	-	-	-	-
2	1	ATU	-	-	-	-	-	-
3	1	HSU	-	-	-	-	-	-
4	1	SAUM	-	-	-	-	-	-
5	1	UAF	-	-	-	-	-	-
6	1	UAFS	-	-	-	-	-	-
7	1	UALR	-	-	-	-	-	-
8	1	UAM	-	-	-	-	-	-
9	1	UAMS	-	-	-	-	-	-
10	1	UAPB	-	-	-	-	-	-
11	1	UCA	-	-	-	-	-	-
12	2	ANC	-	-	-	-	-	-
13	2	ASUB	-	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-	-
15	2	ASUN	-	-	-	-	-	-
16	2	BRTC	-	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-	-
18	2	CotO	-	-	-	-	-	-
19	2	EACC	-	-	-	-	-	-
20	2	MSCC	-	-	-	-	-	-
21	2	NAC	-	-	-	-	-	-
22	2	NPCC	-	-	-	-	-	-
23	2	NWACC	-	-	-	-	-	-
24	2	OZC	-	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-	-
26	2	PTC	-	-	-	-	-	-
27	2	RMCC	-	-	-	-	-	-
28	2	SACC	-	-	-	-	-	-
29	2	SAUT	-	-	-	-	-	-
30	2	SEAC	-	-	-	-	-	-
31	2	UACCB	-	-	-	-	-	-
32	2	UACCH	-	-	-	-	-	-
33	2	UACCM	-	-	-	-	-	-
34	P	ABC	-	-	-	-	-	-
35	P	CBC	-	-	-	-	-	-
36	P	CRC	-	-	-	-	-	-
37	P	HC	-	-	-	-	-	-
38	P	HU	-	-	-	-	-	-
39	P	JBU	-	-	-	-	-	-
40	P	LC	-	-	-	-	-	-
41	P	OBU	-	-	-	-	-	-
42	P	PSC	-	-	-	-	-	-
43	P	UO	-	-	-	-	-	-
44	P	WBC	-	-	-	-	-	-
45	V	BSN	-	-	-	-	-	-
46	V	JSN	-	-	-	-	-	-
4-Year Universities			-	-	-	-	-	-
2-Year Colleges			-	-	-	-	-	-
Independent/Vocational			-	-	-	-	-	-
Total			-	-	-	-	-	-

CERTIFICATES OF PROFICIENCY								
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012	
1	1	ASUJ	-	-	-	-	-	-
2	1	ATU	-	-	-	-	-	-
3	1	HSU	-	-	-	-	-	-
4	1	SAUM	-	-	-	-	-	-
5	1	UAF	-	-	-	-	-	-
6	1	UAFS	32	35	23	14	4	-
7	1	UALR	-	-	-	-	-	-
8	1	UAM	-	-	-	-	-	-
9	1	UAMS	-	-	-	-	-	-
10	1	UAPB	-	-	-	-	-	-
11	1	UCA	-	-	-	-	-	-
12	2	ANC	-	3	2	6	-	-
13	2	ASUB	102	73	57	65	53	-
14	2	ASUMH	4	7	13	6	7	-
15	2	ASUN	-	-	22	12	19	-
16	2	BRTC	-	-	-	-	-	-
17	2	CCCUA	7	5	4	9	5	-
18	2	CotO	4	16	72	21	27	-
19	2	EACC	1	4	7	2	6	-
20	2	MSCC	8	26	20	12	23	-
21	2	NAC	5	7	13	8	14	-
22	2	NPCC	-	-	-	4	3	-
23	2	NWACC	10	15	13	25	20	-
24	2	OZC	-	-	-	-	-	-
25	2	PCCUA	15	41	15	27	6	-
26	2	PTC	-	-	-	-	-	-
27	2	RMCC	1	-	-	-	-	-
28	2	SACC	-	-	-	-	-	-
29	2	SAUT	10	24	5	19	26	-
30	2	SEAC	1	-	-	1	1	-
31	2	UACCB	-	-	-	-	-	-
32	2	UACCH	1	-	6	5	8	-
33	2	UACCM	49	63	81	91	111	-
34	P	ABC	-	-	-	-	-	-
35	P	CBC	-	-	-	-	-	-
36	P	CRC	-	-	-	-	-	-
37	P	HC	-	-	-	-	-	-
38	P	HU	-	-	-	-	-	-
39	P	JBU	-	-	-	-	-	-
40	P	LC	-	-	-	-	-	-
41	P	OBU	-	-	-	-	-	-
42	P	PSC	-	-	-	-	-	-
43	P	UO	-	-	-	-	-	-
44	P	WBC	-	-	-	-	-	-
45	V	BSN	-	-	-	-	-	-
46	V	JSN	-	-	-	-	-	-
4-Year Universities			32	35	23	14	4	-
2-Year Colleges			218	284	330	313	329	-
Independent/Vocational			-	-	-	-	-	-
Total			250	319	353	327	333	-

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

TECHNICAL CERTIFICATES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	6	-	-	-	-
2	1	ATU	-	1	1	3	14
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	-	-	-	-	-
6	1	UAFS	16	27	13	15	10
7	1	UALR	-	-	-	-	-
8	1	UAM	14	13	21	29	20
9	1	UAMS	-	-	-	-	-
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	1	-	-
13	2	ASUB	24	13	5	13	8
14	2	ASUMH	-	-	2	1	16
15	2	ASUN	-	4	10	21	11
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	1	12	5	5
19	2	EACC	62	31	42	40	44
20	2	MSCC	-	-	-	1	-
21	2	NAC	5	8	12	9	16
22	2	NPCC	2	1	7	3	8
23	2	NWACC	3	6	3	5	11
24	2	OZC	-	-	-	-	-
25	2	PCCUA	5	5	3	17	8
26	2	PTC	7	3	15	9	8
27	2	RMCC	-	-	1	1	1
28	2	SACC	-	-	-	-	-
29	2	SAUT	11	4	4	7	10
30	2	SEAC	17	31	25	32	50
31	2	UACCB	-	-	-	-	-
32	2	UACCH	2	-	5	3	9
33	2	UACCM	42	64	88	84	91
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			36	41	35	47	44
2-Year Colleges			180	171	235	251	296
Independent/Vocational			-	-	-	-	-
Total			216	212	270	298	340

ASSOCIATE DEGREES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	1	-	-	-	7
2	1	ATU	14	20	20	31	29
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	1	1	2	3
5	1	UAF	-	-	-	-	-
6	1	UAFS	24	40	46	28	27
7	1	UALR	9	7	10	8	10
8	1	UAM	2	5	9	4	4
9	1	UAMS	-	-	-	-	-
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	4	2	3	15	10
13	2	ASUB	23	33	23	35	32
14	2	ASUMH	14	14	11	11	16
15	2	ASUN	1	5	3	9	7
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	5	5	15	4	7
19	2	EACC	-	1	-	1	3
20	2	MSCC	4	5	10	14	8
21	2	NAC	10	27	26	20	26
22	2	NPCC	1	-	-	-	-
23	2	NWACC	28	22	25	39	32
24	2	OZC	-	-	-	-	-
25	2	PCCUA	12	8	8	15	9
26	2	PTC	24	14	9	9	26
27	2	RMCC	1	2	1	5	2
28	2	SACC	-	-	-	-	-
29	2	SAUT	20	6	10	8	50
30	2	SEAC	13	19	16	19	21
31	2	UACCB	-	-	-	-	-
32	2	UACCH	2	2	5	47	29
33	2	UACCM	35	50	79	88	79
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	1	-	1
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	1	-	1
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			50	73	86	73	80
2-Year Colleges			197	215	244	339	357
Independent/Vocational			-	-	2	-	2
Total			247	288	332	412	439

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

ADVANCED CERTIFICATES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	-	-	-	-	-
2	1	ATU	-	-	-	-	-
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	-	-	-	-	-
6	1	UAFS	-	-	-	-	-
7	1	UALR	-	-	-	-	-
8	1	UAM	-	-	-	-	23
9	1	UAMS	-	-	-	-	-
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	2	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			-	-	-	23	
2-Year Colleges			-	2	-	-	-
Independent/Vocational			-	-	-	-	-
Total			-	2	-	-	23

BACCALAUREATE DEGREES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	140	156	181	219	225
2	1	ATU	118	130	139	159	175
3	1	HSU	44	33	45	47	46
4	1	SAUM	46	34	28	42	51
5	1	UAF	441	488	486	657	690
6	1	UAFS	39	42	54	53	71
7	1	UALR	164	192	164	211	203
8	1	UAM	26	22	27	23	54
9	1	UAMS	-	-	-	-	45
10	1	UAPB	58	53	52	62	88
11	1	UCA	146	114	134	131	165
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	5	7	10	11	14
36	P	CRC	-	-	-	-	-
37	P	HC	39	47	82	72	99
38	P	HU	77	65	77	89	123
39	P	JBU	29	21	40	62	52
40	P	LC	22	25	31	29	27
41	P	OBU	34	38	35	27	54
42	P	PSC	3	10	14	20	26
43	P	UO	15	7	17	17	20
44	P	WBC	12	2	15	11	6
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			1,222	1,264	1,310	1,604	1,813
2-Year Colleges			-	-	-	-	-
Independent/Vocational			236	222	321	338	421
Total			1,458	1,486	1,631	1,942	2,234

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

POST-BACCALAUREATE CERTIFICATES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	-	-	-	-	-
2	1	ATU	-	-	-	-	-
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	-	-	-	-	-
6	1	UAFS	-	-	-	-	-
7	1	UALR	1	-	1	1	20
8	1	UAM	-	-	-	-	-
9	1	UAMS	-	-	-	3	5
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities		1	-	1	4	25	
2-Year Colleges		-	-	-	-	-	
Independent/Vocational		-	-	-	-	-	
Total		1	-	1	4	25	

MASTERS DEGREES							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	20	15	24	57	53
2	1	ATU	32	29	20	32	42
3	1	HSU	-	-	-	-	-
4	1	SAUM	2	3	2	4	19
5	1	UAF	170	136	306	403	432
6	1	UAFS	-	-	-	-	-
7	1	UALR	36	32	27	48	84
8	1	UAM	-	-	-	-	-
9	1	UAMS	10	14	4	12	25
10	1	UAPB	-	-	-	-	-
11	1	UCA	20	26	27	28	44
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities		290	255	410	584	699	
2-Year Colleges		-	-	-	-	-	
Independent/Vocational		-	-	-	-	-	
Total		290	255	410	584	699	

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

SPECIALIST DEGREES & POST-MASTERS CERTIFICATES, ETC.							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	-	-	-	-	-
2	1	ATU	-	-	-	-	-
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	-	-	-	6	3
6	1	UAFS	-	-	-	-	-
7	1	UALR	-	-	-	-	-
8	1	UAM	-	-	-	-	-
9	1	UAMS	-	-	-	-	-
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			-	-	6	3	
2-Year Colleges			-	-	-	-	-
Independent/Vocational			-	-	-	-	-
Total			-	-	6	3	

DOCTORAL DEGREES: RESEARCH/SCHOLARSHIP							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	-	-	-	1	3
2	1	ATU	-	-	-	-	-
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	47	45	59	78	70
6	1	UAFS	-	-	-	-	-
7	1	UALR	13	10	15	11	25
8	1	UAM	-	-	-	-	-
9	1	UAMS	21	22	12	14	19
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities			81	77	86	104	117
2-Year Colleges			-	-	-	-	-
Independent/Vocational			-	-	-	-	-
Total			81	77	86	104	117

## STEM Credentials Awarded by Degree Level and Institution

ATTACHMENT 3

DOCTORAL DEGREES: PROFESSIONAL PRACTICE							
#	Inst Type	Institution	AY2008	AY2009	AY2010	AY2011	AY2012
1	1	ASUJ	-	-	-	-	-
2	1	ATU	-	-	-	-	-
3	1	HSU	-	-	-	-	-
4	1	SAUM	-	-	-	-	-
5	1	UAF	-	-	-	-	-
6	1	UAFS	-	-	-	-	-
7	1	UALR	-	-	-	-	-
8	1	UAM	-	-	-	-	-
9	1	UAMS	-	-	-	-	-
10	1	UAPB	-	-	-	-	-
11	1	UCA	-	-	-	-	-
12	2	ANC	-	-	-	-	-
13	2	ASUB	-	-	-	-	-
14	2	ASUMH	-	-	-	-	-
15	2	ASUN	-	-	-	-	-
16	2	BRTC	-	-	-	-	-
17	2	CCCUA	-	-	-	-	-
18	2	CotO	-	-	-	-	-
19	2	EACC	-	-	-	-	-
20	2	MSCC	-	-	-	-	-
21	2	NAC	-	-	-	-	-
22	2	NPCC	-	-	-	-	-
23	2	NWACC	-	-	-	-	-
24	2	OZC	-	-	-	-	-
25	2	PCCUA	-	-	-	-	-
26	2	PTC	-	-	-	-	-
27	2	RMCC	-	-	-	-	-
28	2	SACC	-	-	-	-	-
29	2	SAUT	-	-	-	-	-
30	2	SEAC	-	-	-	-	-
31	2	UACCB	-	-	-	-	-
32	2	UACCH	-	-	-	-	-
33	2	UACCM	-	-	-	-	-
34	P	ABC	-	-	-	-	-
35	P	CBC	-	-	-	-	-
36	P	CRC	-	-	-	-	-
37	P	HC	-	-	-	-	-
38	P	HU	-	-	-	-	-
39	P	JBU	-	-	-	-	-
40	P	LC	-	-	-	-	-
41	P	OBU	-	-	-	-	-
42	P	PSC	-	-	-	-	-
43	P	UO	-	-	-	-	-
44	P	WBC	-	-	-	-	-
45	V	BSN	-	-	-	-	-
46	V	JSN	-	-	-	-	-
4-Year Universities							
2-Year Colleges							
Independent/Vocational							
Total			-	-	-	-	-

TOTALS					
4-Year Universities	1,712	1,745	1,951	2,436	2,808
2-Year Colleges	595	672	809	903	982
Independent/Vocational	236	222	323	338	423
Total	2,543	2,639	3,083	3,677	4,213

## STEM Bachelor Graduates in Graduate School

**Graduating Year = 2003 and Graduate Experience from 2004-2008**

No.	Inst. Type	Institution	2003 Graduates	2004-2008 Graduate School		Graduate Levels		Doctoral Levels	
				Number	Percent	Number	Percent	Number	Percent
1	1	ASUJ	251	53	21.1%	45	17.9%	13	5.2%
2	1	ATU	136	19	14.0%	15	11.0%	5	3.7%
3	1	HSU	39	5	12.8%	1	2.6%	4	10.3%
4	1	SAUM	41	5	12.2%	4	9.8%	2	4.9%
5	1	UAF	567	149	26.3%	103	18.2%	59	10.4%
6	1	UAFS	6	-	0.0%	-	0.0%	-	0.0%
7	1	UALR	119	39	32.8%	26	21.8%	14	11.8%
8	1	UAM	13	4	30.8%	3	23.1%	1	7.7%
9	1	UAMS	-	-	0.0%	-	0.0%	-	0.0%
10	1	UAPB	52	9	17.3%	9	17.3%	-	0.0%
11	1	UCA	114	52	45.6%	33	28.9%	20	17.5%
12	P	ABC	-	-	0.0%	-	0.0%	-	0.0%
13	P	CBC	-	-	0.0%	-	0.0%	-	0.0%
14	P	CRC	-	-	0.0%	-	0.0%	-	0.0%
15	P	HC	55	22	40.0%	7	12.7%	18	32.7%
16	P	HU	72	10	13.9%	6	8.3%	6	8.3%
17	P	HU	-	-	0.0%	-	0.0%	-	0.0%
18	P	JBU	18	2	11.1%	-	0.0%	2	11.1%
19	P	LC	34	8	23.5%	3	8.8%	6	17.6%
20	P	OBU	28	13	46.4%	6	21.4%	9	32.1%
21	P	PSC	8	2	25.0%	2	25.0%	2	25.0%
22	P	UO	10	-	0.0%	-	0.0%	-	0.0%
23	P	WBC	3	-	0.0%	-	0.0%	-	0.0%
<b>4-Year Universities</b>			<b>1,338</b>	<b>335</b>	<b>25.0%</b>	<b>239</b>	<b>17.9%</b>	<b>118</b>	<b>8.8%</b>
<b>Private/Independents</b>			<b>228</b>	<b>57</b>	<b>25.0%</b>	<b>24</b>	<b>10.5%</b>	<b>43</b>	<b>18.9%</b>
<b>Total</b>			<b>1,566</b>	<b>392</b>	<b>25.0%</b>	<b>263</b>	<b>16.8%</b>	<b>161</b>	<b>10.3%</b>

NOTES:

1. Degree Levels are:

- 06 = Post-Baccalaureate (Graduate School)
- 07 = Masters Degree (Graduate School)
- 08 = Specialist Degree (Graduate School)
- 09 = Doctoral Degree (Doctoral School)
- 10 = First Professional Degree (Doctoral School)
- 11 = Post-First Professional Certificate (Doctoral School)
- 12 = Post-First Professional Degree (Doctoral School)
- 17 = Doctoral - Research/Scholarship (Doctoral School)
- 18 = Doctoral - Professional Practice (Doctoral School)
- 19 = Doctoral - Other (Doctoral School)

2. Graduate Level and Doctoral Level totals may exceed the number enrolled in Graduate Schools due to students completing a graduate program and then enrolling in a doctoral program.

3. Students entered graduate school at any Arkansas 4-Year University.

4. Student entering graduate school are not necessarily entering into STEM graduate program.

# STEM Bachelor Graduates in Graduate School

Graduating Year = 2004 and Graduate Experience from 2005-2009

No.	Inst. Type	Institution	2004 Graduates	2005-2009 Graduate School		Graduate Levels		Doctoral Levels	
				Number	Percent	Number	Percent	Number	Percent
1	1	ASUJ	190	46	24.2%	35	18.4%	17	8.9%
2	1	ATU	141	25	17.7%	16	11.3%	9	6.4%
3	1	HSU	46	9	19.6%	5	10.9%	5	10.9%
4	1	SAUM	54	10	18.5%	10	18.5%	-	0.0%
5	1	UAF	496	148	29.8%	103	20.8%	60	12.1%
6	1	UAFS	19	4	21.1%	4	21.1%	-	0.0%
7	1	UALR	149	40	26.8%	31	20.8%	17	11.4%
8	1	UAM	19	4	21.1%	2	10.5%	2	10.5%
9	1	UAMS	-	-	0.0%	-	0.0%	-	0.0%
10	1	UAPB	43	7	16.3%	5	11.6%	2	4.7%
11	1	UCA	113	38	33.6%	20	17.7%	21	18.6%
12	P	ABC	-	-	0.0%	-	0.0%	-	0.0%
13	P	CBC	2	-	0.0%	-	0.0%	-	0.0%
14	P	CRC	-	-	0.0%	-	0.0%	-	0.0%
15	P	HC	63	31	49.2%	10	15.9%	25	39.7%
16	P	HU	74	7	9.5%	4	5.4%	5	6.8%
17	P	HU	-	-	0.0%	-	0.0%	-	0.0%
18	P	JBU	33	7	21.2%	6	18.2%	2	6.1%
19	P	LC	38	12	31.6%	3	7.9%	9	23.7%
20	P	OBU	49	19	38.8%	10	20.4%	13	26.5%
21	P	PSC	12	5	41.7%	3	25.0%	2	16.7%
22	P	UO	20	6	30.0%	5	25.0%	3	15.0%
23	P	WBC	9	3	33.3%	2	22.2%	1	11.1%
<b>4-Year Universities</b>			1,270	331	26.1%	231	18.2%	133	10.5%
<b>Private/Independents</b>			300	90	30.0%	43	14.3%	60	20.0%
<b>Total</b>			1,570	421	26.8%	274	17.5%	193	12.3%

NOTES:

1. Degree Levels are:

- 06 = Post-Baccalaureate (Graduate School)
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- 09 = Doctoral Degree (Doctoral School)
- 10 = First Professional Degree (Doctoral School)
- 11 = Post-First Professional Certificate (Doctoral School)
- 12 = Post-First Professional Degree (Doctoral School)
- 17 = Doctoral - Research/Scholarship (Doctoral School)
- 18 = Doctoral - Professional Practice (Doctoral School)
- 19 = Doctoral - Other (Doctoral School)

2. Graduate Level and Doctoral Level totals may exceed the number enrolled in Graduate Schools due to students completing a graduate program and then enrolling in a doctoral program.

3. Students entered graduate school at any Arkansas 4-Year University.

4. Student entering graduate school are not necessarily entering into STEM graduate program.

## STEM Bachelor Graduates in Graduate School

Graduating Year = 2005 and Graduate Experience from 2006-2010

No.	Inst. Type	Institution	2005 Graduates	2006-2010 Graduate School		Graduate Levels		Doctoral Levels	
				Number	Percent	Number	Percent	Number	Percent
1	1	ASUJ	221	49	22.2%	41	18.6%	14	6.3%
2	1	ATU	132	30	22.7%	17	12.9%	19	14.4%
3	1	HSU	37	13	35.1%	10	27.0%	10	27.0%
4	1	SAUM	45	12	26.7%	9	20.0%	5	11.1%
5	1	UAF	472	126	26.7%	92	19.5%	61	12.9%
6	1	UAFS	23	4	17.4%	3	13.0%	1	4.3%
7	1	UALR	151	44	29.1%	32	21.2%	27	17.9%
8	1	UAM	26	10	38.5%	7	26.9%	4	15.4%
9	1	UAMS	-	-	0.0%	-	0.0%	-	0.0%
10	1	UAPB	57	6	10.5%	3	5.3%	4	7.0%
11	1	UCA	106	42	39.6%	23	21.7%	31	29.2%
12	P	ABC	-	-	0.0%	-	0.0%	-	0.0%
13	P	CBC	5	1	20.0%	1	20.0%	-	0.0%
14	P	CRC	-	-	0.0%	-	0.0%	-	0.0%
15	P	HC	45	21	46.7%	7	15.6%	27	60.0%
16	P	HU	95	5	5.3%	1	1.1%	6	6.3%
17	P	HU	-	-	0.0%	-	0.0%	-	0.0%
18	P	JBU	30	4	13.3%	1	3.3%	8	26.7%
19	P	LC	32	11	34.4%	7	21.9%	6	18.8%
20	P	OBU	34	11	32.4%	6	17.6%	10	29.4%
21	P	PSC	5	1	20.0%	1	20.0%	-	0.0%
22	P	UO	9	3	33.3%	1	11.1%	2	22.2%
23	P	WBC	6	2	33.3%	1	16.7%	2	33.3%
<b>4-Year Universities</b>			1,270	336	26.5%	237	18.7%	176	13.9%
<b>Private/Independents</b>			261	59	22.6%	26	10.0%	61	23.4%
<b>Total</b>			1,531	395	25.8%	263	17.2%	237	15.5%

NOTES:

1. Degree Levels are:

- 06 = Post-Baccalaureate (Graduate School)
- 07 = Masters Degree (Graduate School)
- 08 = Specialist Degree (Graduate School)
- 09 = Doctoral Degree (Doctoral School)
- 10 = First Professional Degree (Doctoral School)
- 11 = Post-First Professional Certificate (Doctoral School)
- 12 = Post-First Professional Degree (Doctoral School)
- 17 = Doctoral - Research/Scholarship (Doctoral School)
- 18 = Doctoral - Professional Practice (Doctoral School)
- 19 = Doctoral - Other (Doctoral School)

2. Graduate Level and Doctoral Level totals may exceed the number enrolled in Graduate Schools due to students completing a graduate program and then enrolling in a doctoral program.

3. Students entered graduate school at any Arkansas 4-Year University.

4. Student entering graduate school are not necessarily entering into STEM graduate program.

# STEM Bachelor Graduates in Graduate School

Graduating Year = 2006 and Graduate Experience from 2007-2011

No.	Inst. Type	Institution	2006 Graduates	2007-2011 Graduate School		Graduate Levels		Doctoral Levels	
				Number	Percent	Number	Percent	Number	Percent
1	1	ASUJ	182	63	34.6%	50	27.5%	33	18.1%
2	1	ATU	143	31	21.7%	26	18.2%	9	6.3%
3	1	HSU	33	12	36.4%	8	24.2%	8	24.2%
4	1	SAUM	36	6	16.7%	3	8.3%	4	11.1%
5	1	UAF	421	129	30.6%	82	19.5%	97	23.0%
6	1	UAFS	31	4	12.9%	4	12.9%	3	9.7%
7	1	UALR	144	42	29.2%	33	22.9%	24	16.7%
8	1	UAM	27	8	29.6%	5	18.5%	7	25.9%
9	1	UAMS	-	-	0.0%	-	0.0%	-	0.0%
10	1	UAPB	59	5	8.5%	4	6.8%	2	3.4%
11	1	UCA	102	38	37.3%	21	20.6%	39	38.2%
12	P	ABC	-	-	0.0%	-	0.0%	-	0.0%
13	P	CBC	6	1	16.7%	1	16.7%	-	0.0%
14	P	CRC	-	-	0.0%	-	0.0%	-	0.0%
15	P	HC	52	17	32.7%	5	9.6%	24	46.2%
16	P	HU	87	4	4.6%	2	2.3%	5	5.7%
17	P	HU	-	-	0.0%	-	0.0%	-	0.0%
18	P	JBU	45	2	4.4%	2	4.4%	-	0.0%
19	P	LC	21	8	38.1%	4	19.0%	8	38.1%
20	P	OBU	33	11	33.3%	4	12.1%	10	30.3%
21	P	PSC	7	1	14.3%	1	14.3%	1	14.3%
22	P	UO	21	7	33.3%	2	9.5%	9	42.9%
23	P	WBC	8	3	37.5%	3	37.5%	-	0.0%
<b>4-Year Universities</b>			1,178	338	28.7%	236	20.0%	226	19.2%
<b>Private/Independents</b>			280	54	19.3%	24	8.6%	57	20.4%
<b>Total</b>			1,458	392	26.9%	260	17.8%	283	19.4%

NOTES:

1. Degree Levels are:

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- 09 = Doctoral Degree (Doctoral School)
- 10 = First Professional Degree (Doctoral School)
- 11 = Post-First Professional Certificate (Doctoral School)
- 12 = Post-First Professional Degree (Doctoral School)
- 17 = Doctoral - Research/Scholarship (Doctoral School)
- 18 = Doctoral - Professional Practice (Doctoral School)
- 19 = Doctoral - Other (Doctoral School)

2. Graduate Level and Doctoral Level totals may exceed the number enrolled in Graduate Schools due to students completing a graduate program and then enrolling in a doctoral program.

3. Students entered graduate school at any Arkansas 4-Year University.

4. Student entering graduate school are not necessarily entering into STEM graduate program.

## STEM Bachelor Graduates in Graduate School

Graduating Year = 2007 and Graduate Experience from 2008-2012

No.	Inst. Type	Institution	2007 Graduates	2008-2012 Graduate School		Graduate Levels		Doctoral Levels	
				Number	Percent	Number	Percent	Number	Percent
1	1	ASUJ	127	42	33.1%	28	22.0%	28	22.0%
2	1	ATU	134	24	17.9%	12	9.0%	25	18.7%
3	1	HSU	34	6	17.6%	6	17.6%	4	11.8%
4	1	SAUM	27	8	29.6%	7	25.9%	3	11.1%
5	1	UAF	472	135	28.6%	93	19.7%	99	21.0%
6	1	UAFS	60	8	13.3%	6	10.0%	4	6.7%
7	1	UALR	163	35	21.5%	37	22.7%	14	8.6%
8	1	UAM	23	6	26.1%	5	21.7%	2	8.7%
9	1	UAMS	-	-	0.0%	-	0.0%	-	0.0%
10	1	UAPB	49	8	16.3%	7	14.3%	1	2.0%
11	1	UCA	139	46	33.1%	22	15.8%	48	34.5%
12	P	ABC	-	-	0.0%	-	0.0%	-	0.0%
13	P	CBC	3	-	0.0%	-	0.0%	-	0.0%
14	P	CRC	-	-	0.0%	-	0.0%	-	0.0%
15	P	HC	52	14	26.9%	4	7.7%	26	50.0%
16	P	HU	64	4	6.3%	-	0.0%	8	12.5%
17	P	HU	-	-	0.0%	-	0.0%	-	0.0%
18	P	JBU	33	8	24.2%	8	24.2%	-	0.0%
19	P	LC	24	3	12.5%	1	4.2%	4	16.7%
20	P	OBU	20	7	35.0%	1	5.0%	11	55.0%
21	P	PSC	16	2	12.5%	2	12.5%	-	0.0%
22	P	UO	20	3	15.0%	1	5.0%	4	20.0%
23	P	WBC	12	3	25.0%	3	25.0%	-	0.0%
<b>4-Year Universities</b>			1,228	318	25.9%	223	18.2%	228	18.6%
<b>Private/Independents</b>			244	44	18.0%	20	8.2%	53	21.7%
<b>Total</b>			1,472	362	24.6%	243	16.5%	281	19.1%

NOTES:

1. Degree Levels are:

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- 09 = Doctoral Degree (Doctoral School)
- 10 = First Professional Degree (Doctoral School)
- 11 = Post-First Professional Certificate (Doctoral School)
- 12 = Post-First Professional Degree (Doctoral School)
- 17 = Doctoral - Research/Scholarship (Doctoral School)
- 18 = Doctoral - Professional Practice (Doctoral School)
- 19 = Doctoral - Other (Doctoral School)

2. Graduate Level and Doctoral Level totals may exceed the number enrolled in Graduate Schools due to students completing a graduate program and then enrolling in a doctoral program.

3. Students entered graduate school at any Arkansas 4-Year University.

4. Student entering graduate school are not necessarily entering into STEM graduate program.

## Credentials Awarded to General STEM Education Majors

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Credentials
2008	1	ASUJ	Agricultural Education	05	13.1301	13.1301	5
2008	1	ASUJ	Agricultural Education	07	13.1301	13.1301	1
2008	1	ASUJ	Health Sciences Education	06	51.9999	51.9999	2
2008	1	ASUJ	Mathematics Education	05	13.1311	13.1311	3
2008	1	ATU	Instructional Technology	07	13.0501	13.0501	45
2008	1	SAUM	Agricultural Education	05	13.1301	13.1301	9
2008	1	SAUM	Library Media	07	13.0501	13.0501	2
2008	1	UAF	Agricultural Education	05	13.1301	13.1301	15
2008	1	UAF	Educational Technology	07	13.0501	13.0501	4
2008	1	UAF	Kinesiology	05	31.0501	31.0501	26
2008	1	UALR	Learning Systems Technology	07	13.0501	13.0501	10
2008	1	UAPB	Agricultural Education	05	13.1301	13.1301	1
2008	1	UAPB	Mathematics Education	05	13.1311	13.1311	1
2008	1	UAPB	Science Education	07	13.1316	13.1316	2
2008	1	UCA	Mathematics Education	07	27.0101	27.0101	9
2008	1	UCA	Secondary Science Education	05	13.1316	13.1316	1
2008	2	EACC	Medical Professions Education	01	51.0000	51.0000	3
2008	2	NPCC	Emergency Medical Service - Paramedic Education	03	51.0904	51.0904	1
2008	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	4
2008	2	SAUT	Multimedia Audio / Video Production	02	13.0501	13.0501	1
				Certificate of Proficiency	7	4.8%	
				Technical Certificate	1	0.7%	
				Associate Degree	1	0.7%	
				Advanced Certificate	0	0.0%	
				Baccalaureate Degree	61	42.1%	
				Post-Baccalaureate Certificate	2	1.4%	
				Master's Degree	73	50.3%	
				Totals	145	100.0%	

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Credentials
2009	1	ASUJ	Agricultural Education	05	13.1301	13.1301	5
2009	1	ASUJ	Health Sciences Education	06	51.9999	51.9999	3
2009	1	ASUJ	Mathematics Education	05	13.1311	13.1311	7
2009	1	ATU	Instructional Technology	07	13.0501	13.0501	42
2009	1	SAUM	Agricultural Education	05	13.1301	13.1301	7
2009	1	SAUM	Library Media	07	13.0501	13.0501	21
2009	1	UAF	Agricultural Education	05	13.1301	13.1301	14
2009	1	UAF	Educational Statistics & Research Methods	06	13.0603	13.0603	3
2009	1	UAF	Educational Technology	07	13.0501	13.0501	2
2009	1	UAF	Kinesiology	05	31.0501	31.0501	24
2009	1	UALR	Learning Systems Technology	07	13.0501	13.0501	8
2009	1	UAPB	Mathematics Education	05	13.1311	13.1311	1
2009	1	UCA	Mathematics Education	07	27.0101	27.0101	10
2009	1	UCA	Secondary Science Education	05	13.1316	13.1316	1
2009	2	EACC	Medical Professions Education	01	51.0000	51.0000	6
2009	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	4
2009	2	NPCC	Emergency Medical Service - Paramedic Education	03	51.0904	51.0904	5
2009	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	23
2009	2	SAUT	Multimedia Audio / Video Production	02	13.0501	13.0501	2
			Certificate of Proficiency	29	15.4%		
			Technical Certificate	6	3.2%		
			Associate Degree	5	2.7%		
			Advanced Certificate	0	0.0%		
			Baccalaureate Degree	59	31.4%		
			Post-Baccalaureate Certificate	6	3.2%		
			Master's Degree	83	44.1%		
			Totals	188	100.0%		

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Credentials
2010	1	ASUJ	Agricultural Education	05	13.1301	13.1301	5
2010	1	ASUJ	Agricultural Education	07	13.1301	13.1301	1
2010	1	ASUJ	Mathematics Education	05	13.1311	13.1311	8
2010	1	ATU	Instructional Technology	07	13.0501	13.0501	20
2010	1	SAUM	Agricultural Education	05	13.1301	13.1301	7
2010	1	SAUM	Library Media	07	13.0501	13.0501	23
2010	1	UAF	Educational Statistics & Research Methods	08	13.0603	13.0603	1
2010	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	1
2010	1	UAF	Educational Technology	07	13.0501	13.0501	11
2010	1	UAF	Kinesiology	05	31.0501	31.0501	41
2010	1	UALR	Learning Systems Technology	07	13.0501	13.0501	14
2010	1	UAPB	Human Sciences Education	05	13.1308	13.1308	1
2010	1	UAPB	Science Education	07	13.1316	13.1316	1
2010	1	UCA	Instructional Technology	07	13.0501	13.0501	2
2010	1	UCA	Mathematics Education	07	27.0101	27.0101	7
2010	1	UCA	Secondary Science Education	05	13.1316	13.1316	5
2010	2	SAUT	Multimedia Film and Video Production	02	13.0501	13.0501	2
			Certificate of Proficiency	0	0.0%		
			Technical Certificate	2	1.3%		
			Associate Degree	0	0.0%		
			Advanced Certificate	0	0.0%		
			Baccalaureate Degree	67	44.7%		
			Post-Baccalaureate Certificate	0	0.0%		
			Master's Degree	79	52.7%		
			Post-Masters, Specialist, Post-First Prof Deg/Cert	1	0.7%		
			Doctoral Degree - Research/Scholarship	1	0.7%		
			Totals	150	100.0%		

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Credentials
2011	1	ASUJ	Health Sciences Education	06	51.9999	51.9999	4
2011	1	ASUJ	Mathematics Education	05	13.1311	13.1311	8
2011	1	ATU	Instructional Technology	07	13.0501	13.0501	18
2011	1	SAUM	Agricultural Education	05	13.1301	13.1301	12
2011	1	SAUM	Library Media	07	13.0501	13.0501	12
2011	1	UAF	Educational Statistics & Research Methods	08	13.0603	13.0603	6
2011	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	1
2011	1	UAF	Educational Statistics and Research Methods	07	13.0699	13.0699	1
2011	1	UAF	Educational Technology	07	13.0501	13.0501	5
2011	1	UAF	Kinesiology	05	31.0501	31.0501	49
2011	1	UALR	Learning Systems Technology	07	13.0501	13.0501	18
2011	1	UAPB	Science Education	07	13.1316	13.1316	2
2011	1	UCA	Instructional Technology	07	13.0501	13.0501	3
2011	1	UCA	Mathematics Education	07	27.0101	27.0101	14
2011	1	UCA	Secondary Science Education	05	13.1316	13.1316	2
2011	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	7
2011	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	27
Certificate of Proficiency				27	14.3%		
Technical Certificate				7	3.7%		
Associate Degree				0	0.0%		
Advanced Certificate				0	0.0%		
Baccalaureate Degree				71	37.6%		
Post-Baccalaureate Certificate				4	2.1%		
Master's Degree				73	38.6%		
Post-Masters, Specialist, Post-First Prof Deg/Cert				6	3.2%		
Doctoral Degree - Research/Scholarship				1	0.5%		
Totals				189	100.0%		

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Credentials
2012	1	ASUJ	Health Sciences Education	06	51.9999	51.9999	2
2012	1	ASUJ	Mathematics Education	05	13.1311	13.1311	8
2012	1	ATU	Instructional Technology	07	13.0501	13.0501	14
2012	1	SAUM	Agricultural Education	05	13.1301	13.1301	6
2012	1	SAUM	Library Media	07	13.0501	13.0501	16
2012	1	UAF	Educational Statistics & Research Methods	08	13.0603	13.0603	3
2012	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	2
2012	1	UAF	Educational Technology	07	13.0501	13.0501	9
2012	1	UAF	Kinesiology	05	31.0501	31.0501	44
2012	1	UALR	Learning Systems Technology	07	13.0501	13.0501	17
2012	1	UAPB	Mathematics Education	05	13.1311	13.1311	1
2012	1	UAPB	Mathematics Education	07	13.1311	13.1311	1
2012	1	UAPB	Science Education	07	13.1316	13.1316	1
2012	1	UCA	Art	05	50.0701	50.0701	3
2012	1	UCA	English	05	23.0101	23.0101	11
2012	1	UCA	Instructional Technology	07	13.0501	13.0501	9
2012	1	UCA	Mathematics Education	07	27.0101	27.0101	9
2012	1	UCA	Music	05	50.0903	50.0903	6
2012	1	UCA	Secondary Science Education	05	13.1316	13.1316	5
2012	1	UCA	Spanish	05	16.0905	16.0905	1
2012	2	EACC	Medical Professions Education	01	51.0000	51.0000	5
2012	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	4
2012	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	15
2012	2	SAUT	Multimedia Film and Video Production	02	13.0501	50.0602	2
			Certificate of Proficiency	20	10.3%		
			Technical Certificate	6	3.1%		
			Associate Degree	0	0.0%		
			Advanced Certificate	0	0.0%		
			Baccalaureate Degree	85	43.8%		
			Post-Baccalaureate Certificate	2	1.0%		
			Master's Degree	76	39.2%		
			Post-Masters, Specialist, Post-First Prof Deg/Cert	3	1.5%		
			Doctoral Degree - Research/Scholarship	2	1.0%		
			Totals	194	100.0%		

<b>Totals for All Five Years (AY2008-AY2012)</b>	<b>Credentials</b>	<b>Percent</b>
Certificate of Proficiency	83	9.6%
Technical Certificate	22	2.5%
Associate Degree	6	0.7%
Advanced Certificate	0	0.0%
Baccalaureate Degree	343	39.6%
Post-Baccalaureate Certificate	14	1.6%
Master's Degree	384	44.3%
Post-Masters, Specialist, Post-First Prof Deg/Cert	10	1.2%
Doctoral Degree - Research/Scholarship	4	0.5%
<b>Totals</b>	<b>866</b>	<b>100.0%</b>

## Education Majors in General STEM Fields (Fall Terms Only)

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2009	1	ASUJ	Agricultural Education	05	13.1301	13.1301	18
2009	1	ASUJ	Agricultural Education	07	13.1301	13.1301	3
2009	1	ASUJ	Health Sciences Education	06	51.9999	51.9999	1
2009	1	ASUJ	Mathematics Education	05	13.1311	13.1311	33
2009	1	ATU	Instructional Technology	07	13.0501	13.0501	50
2009	1	SAUM	Agricultural Education	05	13.1301	13.1301	40
2009	1	SAUM	Library Media	07	13.0501	13.0501	28
2009	1	UAF	Agricultural Education	05	13.1301	13.1301	77
2009	1	UAF	Educational Statistics & Research Methods	09	13.0603	13.0603	12
2009	1	UAF	Educational Technology	07	13.0501	13.0501	19
2009	1	UALR	Learning Systems Technology	07	13.0501	13.0501	63
2009	1	UAPB	Agricultural Education	05	13.1301	13.1301	5
2009	1	UAPB	Mathematics Education	05	13.1311	13.1311	16
2009	1	UAPB	Mathematics Education	07	13.1311	13.1311	3
2009	1	UAPB	Science Education	05	13.1316	13.1316	2
2009	1	UAPB	Science Education	07	13.1316	13.1316	5
2009	1	UCA	Instructional Technology	07	13.0501	13.0501	3
2009	1	UCA	Mathematics Education	07	27.0101	27.0101	18
2009	1	UCA	Secondary Science Education	05	13.1316	13.1316	19
2009	2	EACC	Medical Professions Education	01	51.0000	51.0000	2
2009	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	7
2009	2	NPCC	Emergency Medical Service - Paramedic Education	03	51.0904	51.0904	21
2009	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	1
				Certificate of Proficiency	3	0.7%	
				Technical Certificate	7	1.6%	
				Associate Degree	21	4.7%	
				Advanced Certificate	0	0.0%	
				Baccalaureate Degree	210	47.1%	
				Post-Baccalaureate Certificate	1	0.2%	
				Master's Degree	192	43.0%	
				Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%	
				Doctoral Degree - Research/Scholarship	12	2.7%	
				Totals	446	100.0%	

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students																														
2010	1	ASUJ	Agricultural Education	05	13.1301	13.1301	25																														
2010	1	ASUJ	Agricultural Education	07	13.1301	13.1301	1																														
2010	1	ASUJ	Mathematics Education	05	13.1311	13.1311	39																														
2010	1	ATU	Instructional Technology	07	13.0501	13.0501	31																														
2010	1	SAUM	Agricultural Education	05	13.1301	13.1301	40																														
2010	1	SAUM	Library Media	07	13.0501	13.0501	29																														
2010	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	12																														
2010	1	UAF	Educational Statistics and Research Methods	07	13.0699	13.0699	1																														
2010	1	UAF	Educational Technology	07	13.0501	13.0501	29																														
2010	1	UALR	Learning Systems Technology	07	13.0501	13.0501	72																														
2010	1	UAPB	Agricultural Education	05	13.1301	13.1301	2																														
2010	1	UAPB	Human Sciences Education	05	13.1308	13.1308	5																														
2010	1	UAPB	Mathematics Education	05	13.1311	13.1311	15																														
2010	1	UAPB	Mathematics Education	07	13.1311	13.1311	3																														
2010	1	UAPB	Science Education	05	13.1316	13.1316	1																														
2010	1	UAPB	Science Education	07	13.1316	13.1316	6																														
2010	1	UCA	Instructional Technology	07	13.0501	13.0501	9																														
2010	1	UCA	Mathematics Education	07	27.0101	27.0101	16																														
2010	1	UCA	Secondary Science Education	05	13.1316	13.1316	23																														
2010	2	EACC	Medical Professions Education	01	51.0000	51.0000	1																														
2010	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	18																														
2010	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	7																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Certificate of Proficiency</td> <td style="text-align: right;">8</td> <td style="text-align: right;">2.1%</td> </tr> <tr> <td>Technical Certificate</td> <td style="text-align: right;">18</td> <td style="text-align: right;">4.7%</td> </tr> <tr> <td>Associate Degree</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Advanced Certificate</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Baccalaureate Degree</td> <td style="text-align: right;">150</td> <td style="text-align: right;">39.0%</td> </tr> <tr> <td>Post-Baccalaureate Certificate</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Master's Degree</td> <td style="text-align: right;">197</td> <td style="text-align: right;">51.2%</td> </tr> <tr> <td>Post-Masters, Specialist, Post-First Prof Deg/Cert</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Doctoral Degree - Research/Scholarship</td> <td style="text-align: right;">12</td> <td style="text-align: right;">3.1%</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;"><b>385</b></td> <td style="text-align: right;"><b>100.0%</b></td> </tr> </table>								Certificate of Proficiency	8	2.1%	Technical Certificate	18	4.7%	Associate Degree	0	0.0%	Advanced Certificate	0	0.0%	Baccalaureate Degree	150	39.0%	Post-Baccalaureate Certificate	0	0.0%	Master's Degree	197	51.2%	Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%	Doctoral Degree - Research/Scholarship	12	3.1%	<b>Totals</b>	<b>385</b>	<b>100.0%</b>
Certificate of Proficiency	8	2.1%																																			
Technical Certificate	18	4.7%																																			
Associate Degree	0	0.0%																																			
Advanced Certificate	0	0.0%																																			
Baccalaureate Degree	150	39.0%																																			
Post-Baccalaureate Certificate	0	0.0%																																			
Master's Degree	197	51.2%																																			
Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%																																			
Doctoral Degree - Research/Scholarship	12	3.1%																																			
<b>Totals</b>	<b>385</b>	<b>100.0%</b>																																			

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students																														
2011	1	ASUJ	Agricultural Education	05	13.1301	13.1301	17																														
2011	1	ASUJ	Agricultural Education	07	13.1301	13.1301	2																														
2011	1	ASUJ	Mathematics Education	05	13.1311	13.1311	45																														
2011	1	ATU	Instructional Technology	07	13.0501	13.0501	35																														
2011	1	SAUM	Agricultural Education	05	13.1301	13.1301	36																														
2011	1	SAUM	Library Media	07	13.0501	13.0501	27																														
2011	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	14																														
2011	1	UAF	Educational Statistics and Research Methods	07	13.0699	13.0699	4																														
2011	1	UAF	Educational Technology	07	13.0501	13.0501	42																														
2011	1	UALR	Learning Systems Technology	07	13.0501	13.0501	57																														
2011	1	UAPB	Agricultural Education	05	13.1301	13.1301	4																														
2011	1	UAPB	Human Sciences Education	05	13.1308	13.1308	4																														
2011	1	UAPB	Mathematics Education	05	13.1311	13.1311	11																														
2011	1	UAPB	Mathematics Education	07	13.1311	13.1311	4																														
2011	1	UAPB	Science Education	05	13.1316	13.1316	2																														
2011	1	UAPB	Science Education	07	13.1316	13.1316	11																														
2011	1	UCA	Instructional Technology	07	13.0501	13.0501	20																														
2011	1	UCA	Mathematics Education	07	27.0101	27.0101	17																														
2011	1	UCA	Secondary Science Education	05	13.1316	13.1316	15																														
2011	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	16																														
2011	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	6																														
2011	2	SAUT	Multimedia Film and Video Production	02	13.0501	50.0602	2																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Certificate of Proficiency</td> <td style="text-align: right;">6</td> <td style="text-align: right;">1.5%</td> </tr> <tr> <td>Technical Certificate</td> <td style="text-align: right;">18</td> <td style="text-align: right;">4.6%</td> </tr> <tr> <td>Associate Degree</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Advanced Certificate</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Baccalaureate Degree</td> <td style="text-align: right;">134</td> <td style="text-align: right;">34.3%</td> </tr> <tr> <td>Post-Baccalaureate Certificate</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Master's Degree</td> <td style="text-align: right;">219</td> <td style="text-align: right;">56.0%</td> </tr> <tr> <td>Post-Masters, Specialist, Post-First Prof Deg/Cert</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Doctoral Degree - Research/Scholarship</td> <td style="text-align: right;">14</td> <td style="text-align: right;">3.6%</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;"><b>391</b></td> <td style="text-align: right;"><b>100.0%</b></td> </tr> </table>								Certificate of Proficiency	6	1.5%	Technical Certificate	18	4.6%	Associate Degree	0	0.0%	Advanced Certificate	0	0.0%	Baccalaureate Degree	134	34.3%	Post-Baccalaureate Certificate	0	0.0%	Master's Degree	219	56.0%	Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%	Doctoral Degree - Research/Scholarship	14	3.6%	<b>Totals</b>	<b>391</b>	<b>100.0%</b>
Certificate of Proficiency	6	1.5%																																			
Technical Certificate	18	4.6%																																			
Associate Degree	0	0.0%																																			
Advanced Certificate	0	0.0%																																			
Baccalaureate Degree	134	34.3%																																			
Post-Baccalaureate Certificate	0	0.0%																																			
Master's Degree	219	56.0%																																			
Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%																																			
Doctoral Degree - Research/Scholarship	14	3.6%																																			
<b>Totals</b>	<b>391</b>	<b>100.0%</b>																																			

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2012	1	ASUJ	Agricultural Education	05	13.1301	13.1301	14
2012	1	ASUJ	Mathematics Education	05	13.1311	13.1311	35
2012	1	ATU	Agricultural Education	05		13.1301	4
2012	1	ATU	Instructional Technology	07	13.0501	13.0501	34
2012	1	SAUM	Agricultural Education	05	13.1301	13.1301	29
2012	1	SAUM	Library Media	07	13.0501	13.0501	23
2012	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	11
2012	1	UAF	Educational Statistics and Research Methods	07	13.0699	13.0699	1
2012	1	UAF	Educational Technology	07	13.0501	13.0501	39
2012	1	UALR	Learning Systems Technology	07	13.0501	13.0501	68
2012	1	UAPB	Agricultural Education	05	13.1301	13.1301	3
2012	1	UAPB	Mathematics Education	05	13.1311	13.1311	19
2012	1	UAPB	Mathematics Education	07	13.1311	13.1311	5
2012	1	UAPB	Science Education	05	13.1316	13.1316	4
2012	1	UAPB	Science Education	07	13.1316	13.1316	8
2012	1	UCA	Instructional Technology	07	13.0501	13.0501	24
2012	1	UCA	Mathematics Education	07	27.0101	27.0101	8
2012	1	UCA	Secondary Science Education	05	13.1316	13.1316	18
2012	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	15
2012	2	PCCUA	Medical Professions Education	01	51.0000	51.0000	4
				Certificate of Proficiency	4	1.1%	
				Technical Certificate	15	4.1%	
				Associate Degree	0	0.0%	
				Advanced Certificate	0	0.0%	
				Baccalaureate Degree	126	34.4%	
				Post-Baccalaureate Certificate	0	0.0%	
				Master's Degree	210	57.4%	
				Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%	
				Doctoral Degree - Research/Scholarship	11	3.0%	
				Totals	366	100.0%	

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2013	1	ASUJ	Biology	05	13.1322	13.1322	21
2013	1	ASUJ	Biology	07	13.1322	13.1322	2
2013	1	ASUJ	Chemistry	05	13.1323	13.1323	3
2013	1	ASUJ	Chemistry	07	13.1323	13.1323	3
2013	1	ASUJ	Mathematics Education	05	13.1311	13.1311	44
2013	1	ATU	Agricultural Education	05		13.1301	22
2013	1	ATU	Biology	05	26.0101	26.0101	1
2013	1	ATU	Instructional Technology	07	13.0501	13.0501	42
2013	1	ATU	Life Science & Earth Science	05	13.1322	13.1322	9
2013	1	ATU	Mathematics	05	13.1311	13.1311	55
2013	1	ATU	Physical Science & Earth Science	05	13.1316	13.1316	4
2013	1	HSU	Advanced Instructional Studies	07	13.0301	13.0301	34
2013	1	HSU	Business Technology Education	05	13.1303	13.1303	14
2013	1	HSU	Instructional Specialist, Special Education	07	13.1001	13.1001	5
2013	1	SAUM	Agricultural Education	05	13.1301	13.1301	32
2013	1	SAUM	Library Media	07	13.0501	13.0501	11
2013	1	UAF	Autism Spectrum Disorders	06	13.1013	13.1013	2
2013	1	UAF	Educational Statistics & Research Methods	17	13.0603	13.0603	11
2013	1	UAF	Educational Statistics and Research Methods	07	13.0699	13.0699	2
2013	1	UAF	Educational Technology	07	13.0501	13.0501	47
2013	1	UAF	Secondary Mathematics	07	13.1311	13.1311	5
2013	1	UALR	Learning Systems Technology	07	13.0501	13.0501	71
2013	1	UAPB	Agricultural Education	05	13.1301	13.1301	2
2013	1	UAPB	Mathematics Education	05	13.1311	13.1311	15
2013	1	UAPB	Mathematics Education	07	13.1311	13.1311	6
2013	1	UAPB	Science Education	05	13.1316	13.1316	3
2013	1	UAPB	Science Education	07	13.1316	13.1316	5
2013	1	UCA	Applied Mathematics	07	27.0301	27.0301	1
2013	1	UCA	Instructional Technology	07	13.0501	13.0501	22
2013	1	UCA	Library Media & Information Technologies	07	25.9999	25.9999	1
2013	1	UCA	Mathematics	05	13.1311	13.1311	21
2013	1	UCA	Mathematics	05	27.0101	27.0101	1
2013	1	UCA	Mathematics Education	07	27.0101	27.0101	12
2013	1	UCA	Secondary Science Education	05	13.1316	13.1316	13
2013	2	NPCC	Advanced Emergency Medical Technology - Paramedic Education	02	51.0904	51.0904	2
2013	2	NWACC	Computer Information Systems	03	11.0101	11.0101	201
2013	2	NWACC	Computer-Aided Drafting & Design	03	15.1301	15.1301	43
2013	2	NWACC	Computer-Assisted Drafting & Design: Architecture	01	15.1301	15.1301	41
2013	2	NWACC	Computer-Assisted Drafting & Design: Engineering	01	15.1301	15.1301	5

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2013	2	NWACC	Environmental Regulatory Sciences	02	15.0507	15.0507	1
2013	2	NWACC	Environmental Regulatory Sciences	03	15.0507	15.0507	32
2013	2	NWACC	Forensic Science	01	43.0106	43.0106	1
2013	2	SAUT	Multimedia Film and Video Production	02	13.0501	50.0602	2
2013	2	UACCM	Computer Information Systems Technology	03	15.1202	15.1202	1
				Certificate of Proficiency	47	5.4%	
				Technical Certificate	5	0.6%	
				Associate Degree	277	31.8%	
				Advanced Certificate	0	0.0%	
				Baccalaureate Degree	260	29.9%	
				Post-Baccalaureate Certificate	2	0.2%	
				Master's Degree	269	30.9%	
				Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%	
				Doctoral Degree - Research/Scholarship	11	1.3%	
				Totals	871	100.0%	
<b>Totals for All Five Fall Terms (2008 Fall - 2012 Fall)</b>					<b>Credentials</b>	<b>Percent</b>	
					Certificate of Proficiency	68	2.8%
					Technical Certificate	63	2.6%
					Associate Degree	298	12.1%
					Advanced Certificate	0	0.0%
					Baccalaureate Degree	880	35.8%
					Post-Baccalaureate Certificate	3	0.1%
					Master's Degree	1,087	44.2%
					Post-Masters, Specialist, Post-First Prof Deg/Cert	0	0.0%
					Doctoral Degree - Research/Scholarship	60	2.4%
					Totals	2,459	100.0%

### Potential UTeach Participants

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2009	1	ASUJ	Agricultural Education	05	13.1301	13.1301	18
2009	1	ASUJ	Mathematics Education	05	13.1311	13.1311	33
2009	1	SAUM	Agricultural Education	05	13.1301	13.1301	40
2009	1	UAF	Agricultural Education	05	13.1301	13.1301	77
2009	1	UAPB	Agricultural Education	05	13.1301	13.1301	5
2009	1	UAPB	Mathematics Education	05	13.1311	13.1311	16
2009	1	UAPB	Science Education	05	13.1316	13.1316	2
2009	1	UCA	Secondary Science Education	05	13.1316	13.1316	19

210

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2010	1	ASUJ	Agricultural Education	05	13.1301	13.1301	25
2010	1	ASUJ	Mathematics Education	05	13.1311	13.1311	39
2010	1	SAUM	Agricultural Education	05	13.1301	13.1301	40
2010	1	UAPB	Agricultural Education	05	13.1301	13.1301	2
2010	1	UAPB	Human Sciences Education	05	13.1308	13.1308	5
2010	1	UAPB	Mathematics Education	05	13.1311	13.1311	15
2010	1	UAPB	Science Education	05	13.1316	13.1316	1
2010	1	UCA	Secondary Science Education	05	13.1316	13.1316	23

150

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2011	1	ASUJ	Agricultural Education	05	13.1301	13.1301	17
2011	1	ASUJ	Mathematics Education	05	13.1311	13.1311	45
2011	1	SAUM	Agricultural Education	05	13.1301	13.1301	36
2011	1	UAPB	Agricultural Education	05	13.1301	13.1301	4
2011	1	UAPB	Human Sciences Education	05	13.1308	13.1308	4
2011	1	UAPB	Mathematics Education	05	13.1311	13.1311	11
2011	1	UAPB	Science Education	05	13.1316	13.1316	2
2011	1	UCA	Secondary Science Education	05	13.1316	13.1316	15

134

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2012	1	ASUJ	Agricultural Education	05	13.1301	13.1301	14
2012	1	ASUJ	Mathematics Education	05	13.1311	13.1311	35
2012	1	ATU	Agricultural Education	05		13.1301	4
2012	1	SAUM	Agricultural Education	05	13.1301	13.1301	29
2012	1	UAPB	Agricultural Education	05	13.1301	13.1301	3
2012	1	UAPB	Mathematics Education	05	13.1311	13.1311	19
2012	1	UAPB	Science Education	05	13.1316	13.1316	4
2012	1	UCA	Secondary Science Education	05	13.1316	13.1316	18

126

Acad. Yr.	Inst. Type	Institution	Degree Name	Degree Level	CIP2000	CIP2010	Students
2013	1	ASUJ	Biology	05	13.1322	13.1322	21
2013	1	ASUJ	Chemistry	05	13.1323	13.1323	3
2013	1	ASUJ	Mathematics Education	05	13.1311	13.1311	44
2013	1	ATU	Agricultural Education	05		13.1301	22
2013	1	ATU	Biology	05	26.0101	26.0101	1
2013	1	ATU	Life Science & Earth Science	05	13.1322	13.1322	9
2013	1	ATU	Mathematics	05	13.1311	13.1311	55
2013	1	ATU	Physical Science & Earth Science	05	13.1316	13.1316	4
2013	1	HSU	Business Technology Education	05	13.1303	13.1303	14
2013	1	SAUM	Agricultural Education	05	13.1301	13.1301	32
2013	1	UAPB	Agricultural Education	05	13.1301	13.1301	2
2013	1	UAPB	Mathematics Education	05	13.1311	13.1311	15
2013	1	UAPB	Science Education	05	13.1316	13.1316	3
2013	1	UCA	Mathematics	05	13.1311	13.1311	21
2013	1	UCA	Mathematics	05	27.0101	27.0101	1
2013	1	UCA	Secondary Science Education	05	13.1316	13.1316	13

260

## STEM CIP Codes by ICE STEM Version

#	CIP Code	CIP Name	Version		
			2010	2011	2012
1	01.0308	Agroecology and Sustainable Agriculture			X
2	01.0901	Animal Sciences, General		X	X
3	01.0902	Agricultural Animal Breeding		X	X
4	01.0903	Animal Health		X	X
5	01.0904	Animal Nutrition		X	X
6	01.0905	Dairy Science		X	X
7	01.0906	Livestock Management		X	X
8	01.0907	Poultry Science		X	X
9	01.0999	Animal Sciences, Other			X
10	01.1001	Food Science		X	X
11	01.1002	Food Technology and Processing		X	X
12	01.1099	Food Science and Technology, Other			X
13	01.1101	Plant Sciences, General		X	X
14	01.1102	Agronomy and Crop Science		X	X
15	01.1103	Horticultural Science		X	X
16	01.1104	Agricultural and Horticultural Plant Breeding		X	X
17	01.1105	Plant Protection and Integrated Pest Management		X	X
18	01.1106	Range Science and Management		X	X
19	01.1199	Plant Sciences, Other			X
20	01.1201	Soil Science and Agronomy, General		X	X
21	01.1202	Soil Chemistry and Physics		X	X
22	01.1203	Soil Microbiology		X	X
23	01.1299	Soil Sciences, Other			X
24	03.0101	Natural Resources/Conservation, General			X
25	03.0103	Environmental Studies			X
26	03.0104	Environmental Science		X	X
27	03.0199	Natural Resources Conservation and Research, Other			X
28	03.0205	Water, Wetlands, and Marine Resources Management			X
29	03.0502	Forest Sciences and Biology		X	X
30	03.0508	Urban Forestry			X
31	03.0509	Wood Science and Wood Products/Pulp and Paper Technology		X	X
32	03.0601	Wildlife, Fish and Wildlands Science and Management			X
33	04.0902	Architectural and Building Sciences/Technology			X
34	09.0702	Digital Communication and Media/Multimedia		X	X
35	10.0304	Animation, Interactive Technology, Video Graphics and Special Effects		X	X
36	11.0101	Computer and Information Sciences, General	X	X	X
37	11.0102	Artificial Intelligence	X	X	X
38	11.0103	Information Technology	X	X	X
39	11.0104	Informatics		X	X
40	11.0199	Computer and Information Sciences, Other			X
41	11.0201	Computer Programming/Programmer, General	X	X	X
42	11.0202	Computer Programming, Specific Applications	X	X	X
43	11.0203	Computer Programming, Vendor/Product Certification	X	X	X
44	11.0299	Computer Programming, Other			X
45	11.0301	Data Processing and Data Processing Technology/Technician	X	X	X
46	11.0401	Information Science/Studies	X	X	X
47	11.0501	Computer Systems Analysis/Analyst	X	X	X
48	11.0701	Computer Science	X	X	X
49	11.0801	Web Page, Digital/Multimedia and Information Resources Design	X	X	X
50	11.0802	Data Modeling/Warehousing and Database Administration	X	X	X
51	11.0803	Computer Graphics	X	X	X
52	11.0804	Modeling, Virtual Environments and Simulation		X	X
53	11.0899	Computer Software and Media Applications, Other			X
54	11.0901	Computer Systems Networking and Telecommunications	X	X	X
55	11.1001	Network and System Administration/Administrator	X	X	X
56	11.1002	System, Networking, and LAN/WAN Management/Manager	X	X	X
57	11.1003	Computer and Information Systems Security/Information Assurance	X	X	X
58	11.1004	Web/Multimedia Management and Webmaster	X	X	X
59	11.1005	Information Technology Project Management		X	X
60	11.1006	Computer Support Specialist		X	X
61	11.1099	Computer/Information Technology Services Administration and Management, Other			X
62	13.0501	Educational/Instructional Technology			X
63	13.0601	Educational Evaluation and Research			X
64	13.0603	Educational Statistics and Research Methods		X	X
65	14.0101	Engineering, General		X	X
66	14.0102	Pre-Engineering		X	X
67	14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering	X	X	X
68	14.0301	Agricultural Engineering	X	X	X
69	14.0401	Architectural Engineering	X	X	X
70	14.0501	Bioengineering and Biomedical Engineering	X	X	X
71	14.0601	Ceramic Sciences and Engineering	X	X	X
72	14.0701	Chemical Engineering	X	X	X
73	14.0702	Chemical and Biomolecular Engineering		X	X

#	CIP Code	CIP Name	Version		
			2010	2011	2012
74	14.0799	Chemical Engineering, Other			X
75	14.0801	Civil Engineering, General		X	X
76	14.0802	Geotechnical and Geoenvironmental Engineering		X	X
77	14.0803	Structural Engineering		X	X
78	14.0804	Transportation and Highway Engineering		X	X
79	14.0805	Water Resources Engineering		X	X
80	14.0899	Civil Engineering, Other			X
81	14.0901	Computer Engineering, General		X	X
82	14.0902	Computer Hardware Engineering		X	X
83	14.0903	Computer Software Engineering		X	X
84	14.0999	Computer Engineering, Other			X
85	14.1001	Electrical and Electronics Engineering		X	X
86	14.1003	Laser and Optical Engineering			X
87	14.1004	Telecommunications Engineering			X
88	14.1099	Electrical, Electronics and Communications Engineering, Other			X
89	14.1101	Engineering Mechanics		X	X
90	14.1201	Engineering Physics/Applied Physics		X	X
91	14.1301	Engineering Science		X	X
92	14.1401	Environmental/Environmental Health Engineering		X	X
93	14.1801	Materials Engineering		X	X
94	14.1901	Mechanical Engineering		X	X
95	14.2001	Metallurgical Engineering		X	X
96	14.2101	Mining and Mineral Engineering		X	X
97	14.2201	Naval Architecture and Marine Engineering		X	X
98	14.2301	Nuclear Engineering		X	X
99	14.2401	Ocean Engineering		X	X
100	14.2501	Petroleum Engineering		X	X
101	14.2701	Systems Engineering		X	X
102	14.2801	Textile Sciences and Engineering		X	X
103	14.3101	Materials Science			X
104	14.3201	Polymer/Plastics Engineering		X	X
105	14.3301	Construction Engineering		X	X
106	14.3401	Forest Engineering		X	X
107	14.3501	Industrial Engineering		X	X
108	14.3601	Manufacturing Engineering		X	X
109	14.3701	Operations Research		X	X
110	14.3801	Surveying Engineering		X	X
111	14.3901	Geological/Geophysical Engineering		X	X
112	14.4001	Paper Science and Engineering			X
113	14.4101	Electromechanical Engineering			X
114	14.4201	Mechatronics, Robotics, and Automation Engineering			X
115	14.4301	Biochemical Engineering			X
116	14.4401	Engineering Chemistry			X
117	14.4501	Biological/Biosystems Engineering			X
118	14.9999	Engineering, Other			X
119	15.0000	ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED FIELDS		X	X
120	15.0101	Architectural Engineering Technology/Technician		X	X
121	15.0201	Civil Engineering Technology/Technician		X	X
122	15.0303	Electrical, Electronic and Communications Engineering Technology/Technician		X	X
123	15.0304	Laser and Optical Technology/Technician		X	X
124	15.0305	Telecommunications Technology/Technician		X	X
125	15.0306	Integrated Circuit Design			X
126	15.0399	Electrical and Electronic Engineering Technologies/Technicians, Other			X
127	15.0401	Biomedical Technology/Technician		X	X
128	15.0403	Electromechanical Technology/Electromechanical Engineering Technology		X	X
129	15.0404	Instrumentation Technology/Technician		X	X
130	15.0405	Robotics Technology/Technician		X	X
131	15.0406	Automation Engineer Technology/Technician			X
132	15.0499	Electromechanical and Instrumentation and Maintenance Technologies/Technicians, Other			X
133	15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician		X	X
134	15.0503	Energy Management and Systems Technology/Technician		X	X
135	15.0505	Solar Energy Technology/Technician		X	X
136	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician		X	X
137	15.0507	Environmental Engineering Technology/Environmental Technology		X	X
138	15.0508	Hazardous Materials Management and Waste Technology/Technician		X	X
139	15.0599	Environmental Control Technologies/Technicians, Other			X
140	15.0607	Plastics and Polymer Engineering Technology/Technician		X	X
141	15.0611	Metallurgical Technology/Technician		X	X
142	15.0612	Industrial Technology/Technician		X	X
143	15.0613	Manufacturing Engineering Technology/Technician		X	X
144	15.0614	Welding Engineering Technology/Technician			X
145	15.0615	Chemical Engineering Technology/Technician			X
146	15.0616	Semiconductor Manufacturing Technology			X
147	15.0699	Industrial Production Technologies/Technicians, Other			X
148	15.0701	Occupational Safety and Health Technology/Technician		X	X
149	15.0702	Quality Control Technology/Technician		X	X

#	CIP Code	CIP Name	Version		
			2010	2011	2012
150	15.0703	Industrial Safety Technology/Technician	X	X	X
151	15.0704	Hazardous Materials Information Systems Technology/Technician	X	X	X
152	15.0799	Quality Control and Safety Technologies/Technicians, Other			X
153	15.0801	Aeronautical/Aerospace Engineering Technology/Technician	X	X	X
154	15.0803	Automotive Engineering Technology/Technician	X	X	X
155	15.0805	Mechanical Engineering/Mechanical Technology/Technician	X	X	X
156	15.0899	Mechanical Engineering Related Technologies/Technicians, Other			X
157	15.0901	Mining Technology/Technician	X	X	X
158	15.0903	Petroleum Technology/Technician	X	X	X
159	15.0999	Mining and Petroleum Technologies/Technicians, Other			X
160	15.1001	Construction Engineering Technology/Technician	X	X	X
161	15.1102	Surveying Technology/Surveying	X	X	X
162	15.1103	Hydraulics and Fluid Power Technology/Technician	X	X	X
163	15.1199	Engineering-Related Technologies, Other			X
164	15.1201	Computer Engineering Technology/Technician	X	X	X
165	15.1202	Computer Technology/Computer Systems Technology	X	X	X
166	15.1203	Computer Hardware Technology/Technician	X	X	X
167	15.1204	Computer Software Technology/Technician	X	X	X
168	15.1299	Computer Engineering Technologies/Technicians, Other			X
169	15.1301	Drafting and Design Technology/Technician, General	X	X	X
170	15.1302	CAD/CADD Drafting and/or Design Technology/Technician	X	X	X
171	15.1303	Architectural Drafting and Architectural CAD/CADD	X	X	X
172	15.1304	Civil Drafting and Civil Engineering CAD/CADD	X	X	X
173	15.1305	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD	X	X	X
174	15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD	X	X	X
175	15.1399	Drafting/Design Engineering Technologies/Technicians, Other			X
176	15.1401	Nuclear Engineering Technology/Technician	X	X	X
177	15.1501	Engineering/Industrial Management	X	X	X
178	15.1502	Engineering Design			X
179	15.1503	Packaging Science			X
180	15.1599	Engineering-Related Fields, Other			X
181	15.1601	Nanotechnology			X
182	15.9999	Engineering Technologies and Engineering-Related Fields, Other			X
183	26.0101	Biology/Biological Sciences, General	X	X	X
184	26.0102	Biomedical Sciences, General	X	X	X
185	26.0202	Biochemistry	X	X	X
186	26.0203	Biophysics	X	X	X
187	26.0204	Molecular Biology	X	X	X
188	26.0205	Molecular Biochemistry	X	X	X
189	26.0206	Molecular Biophysics	X	X	X
190	26.0207	Structural Biology	X	X	X
191	26.0208	Photobiology	X	X	X
192	26.0209	Radiation Biology/Radiobiology	X	X	X
193	26.0210	Biochemistry and Molecular Biology	X	X	X
194	26.0299	Biochemistry, Biophysics and Molecular Biology, Other			X
195	26.0301	Botany/Plant Biology	X	X	X
196	26.0305	Plant Pathology/Phytopathology	X	X	X
197	26.0307	Plant Physiology	X	X	X
198	26.0308	Plant Molecular Biology	X	X	X
199	26.0399	Botany/Plant Biology, Other			X
200	26.0401	Cell/Cellular Biology and Histology	X	X	X
201	26.0403	Anatomy	X	X	X
202	26.0404	Developmental Biology and Embryology	X	X	X
203	26.0405	Neuroanatomy	X		
204	26.0406	Cell/Cellular and Molecular Biology	X	X	X
205	26.0407	Cell Biology and Anatomy	X	X	X
206	26.0499	Cell/Cellular Biology and Anatomical Sciences, Other			X
207	26.0502	Microbiology, General	X	X	X
208	26.0503	Medical Microbiology and Bacteriology	X	X	X
209	26.0504	Virology	X	X	X
210	26.0505	Parasitology	X	X	X
211	26.0506	Mycology	X	X	X
212	26.0507	Immunology	X	X	X
213	26.0508	Microbiology and Immunology			X
214	26.0599	Microbiological Sciences and Immunology, Other			X
215	26.0701	Zoology/Animal Biology	X	X	X
216	26.0702	Entomology	X	X	X
217	26.0707	Animal Physiology	X	X	X
218	26.0708	Animal Behavior and Ethology	X	X	X
219	26.0709	Wildlife Biology	X	X	X
220	26.0799	Zoology/Animal Biology, Other			X
221	26.0801	Genetics, General	X	X	X
222	26.0802	Molecular Genetics	X	X	X
223	26.0803	Microbial and Eukaryotic Genetics	X	X	X
224	26.0804	Animal Genetics	X	X	X
225	26.0805	Plant Genetics	X	X	X

#	CIP Code	CIP Name	Version		
			2010	2011	2012
226	26.0806	Human/Medical Genetics	X	X	X
227	26.0807	Genome Sciences/Genomics		X	X
228	26.0899	Genetics, Other			X
229	26.0901	Physiology, General	X	X	X
230	26.0902	Molecular Physiology	X	X	X
231	26.0903	Cell Physiology	X	X	X
232	26.0904	Endocrinology	X	X	X
233	26.0905	Reproductive Biology	X	X	X
234	26.0906	Neurobiology and Neurophysiology	X		
235	26.0907	Cardiovascular Science	X	X	X
236	26.0908	Exercise Physiology	X	X	X
237	26.0909	Vision Science/Physiological Optics	X	X	X
238	26.0910	Pathology/Experimental Pathology	X	X	X
239	26.0911	Oncology and Cancer Biology	X	X	X
240	26.0912	Aerospace Physiology and Medicine		X	X
241	26.0999	Physiology, Pathology, and Related Sciences, Other			X
242	26.1001	Pharmacology	X	X	X
243	26.1002	Molecular Pharmacology	X	X	X
244	26.1003	Neuropharmacology	X	X	X
245	26.1004	Toxicology	X	X	X
246	26.1005	Molecular Toxicology	X	X	X
247	26.1006	Environmental Toxicology	X	X	X
248	26.1007	Pharmacology and Toxicology	X	X	X
249	26.1099	Pharmacology and Toxicology, Other			X
250	26.1101	Biometry/Biometrics	X	X	X
251	26.1102	Biostatistics	X	X	X
252	26.1103	Bioinformatics	X	X	X
253	26.1104	Computational Biology		X	X
254	26.1199	Biomathematics, Bioinformatics, and Computational Biology, Other			X
255	26.1201	Biotechnology	X	X	X
256	26.1301	Ecology	X	X	X
257	26.1302	Marine Biology and Biological Oceanography	X	X	X
258	26.1303	Evolutionary Biology	X	X	X
259	26.1304	Aquatic Biology/Limnology	X	X	X
260	26.1305	Environmental Biology	X	X	X
261	26.1306	Population Biology	X	X	X
262	26.1307	Conservation Biology	X	X	X
263	26.1308	Systematic Biology/Biological Systematics	X	X	X
264	26.1309	Epidemiology	X	X	X
265	26.1310	Ecology and Evolutionary Biology		X	X
266	26.1399	Ecology, Evolution, Systematics and Population Biology, Other			X
267	26.1401	Molecular Medicine		X	X
268	26.1501	Neuroscience		X	X
269	26.1502	Neuroanatomy		X	X
270	26.1503	Neurobiology and Anatomy		X	X
271	26.1504	Neurobiology and Behavior		X	X
272	26.1599	Neurobiology and Neurosciences, Other			X
273	26.9999	Biological and Biomedical Sciences, Other			X
274	27.0101	Mathematics, General	X	X	X
275	27.0102	Algebra and Number Theory	X	X	X
276	27.0103	Analysis and Functional Analysis	X	X	X
277	27.0104	Geometry/Geometric Analysis	X	X	X
278	27.0105	Topology and Foundations	X	X	X
279	27.0199	Mathematics, Other			X
280	27.0301	Applied Mathematics, General	X	X	X
281	27.0303	Computational Mathematics	X	X	X
282	27.0304	Computational and Applied Mathematics		X	X
283	27.0305	Financial Mathematics		X	X
284	27.0306	Mathematical Biology		X	X
285	27.0399	Applied Mathematics, Other			X
286	27.0501	Statistics, General	X	X	X
287	27.0502	Mathematical Statistics and Probability	X	X	X
288	27.0503	Mathematics and Statistics		X	X
289	27.0599	Statistics, Other			X
290	27.9999	Mathematics and Statistics, Other			X
291	28.0501	Air Science/Airpower Studies			X
292	28.0502	Air and Space Operational Art and Science			X
293	28.0505	Naval Science and Operational Studies			X
294	29.0101	Military Technologies		X	
295	29.0201	Intelligence, General		X	X
296	29.0202	Strategic Intelligence		X	X
297	29.0203	Signal/Geospatial Intelligence		X	X
298	29.0204	Command & Control (C3, C4I) Systems and Operations		X	X
299	29.0205	Information Operations/Joint Information Operations		X	X
300	29.0206	Information/Psychological Warfare and Military Media Relations		X	X
301	29.0207	Cyber/Electronic Operations and Warfare		X	X

#	CIP Code	CIP Name	Version		
			2010	2011	2012
302	29.0299	Intelligence, Command Control and Information Operations, Other			X
303	29.0301	Combat Systems Engineering		X	X
304	29.0302	Directed Energy Systems		X	X
305	29.0303	Engineering Acoustics		X	X
306	29.0304	Low-Observable and Stealth Technology		X	X
307	29.0305	Space Systems Operations		X	X
308	29.0306	Operational Oceanography		X	X
309	29.0307	Undersea Warfare		X	X
310	29.0399	Military Applied Sciences, Other			X
311	29.0401	Aerospace Ground Equipment Technology		X	X
312	29.0402	Air and Space Operations Technology		X	X
313	29.0403	Aircraft Armament Systems Technology		X	X
314	29.0404	Explosive Ordnance/Bomb Disposal		X	X
315	29.0405	Joint Command/Task Force (C3, C4I) Systems		X	X
316	29.0406	Military Information Systems Technology		X	X
317	29.0407	Missile and Space Systems Technology		X	X
318	29.0408	Munitions Systems/Ordnance Technology		X	X
319	29.0409	Radar Communications and Systems Technology		X	X
320	29.0499	Military Systems and Maintenance Technology, Other			X
321	29.9999	Military Technologies and Applied Sciences, Other			X
322	30.0101	Biological and Physical Sciences		X	X
323	30.0601	Systems Science and Theory		X	X
324	30.0801	Mathematics and Computer Science		X	X
325	30.1001	Biopsychology		X	X
326	30.1701	Behavioral Sciences			X
327	30.1801	Natural Sciences		X	X
328	30.1901	Nutrition Sciences		X	X
329	30.2501	Cognitive Science		X	X
330	30.2701	Human Biology			X
331	30.3001	Computational Science			X
332	30.3101	Human Computer Interaction			X
333	30.3201	Marine Sciences		X	X
334	30.3301	Sustainability Studies			X
335	40.0101	Physical Sciences	X	X	X
336	40.0201	Astronomy	X	X	X
337	40.0202	Astrophysics	X	X	X
338	40.0203	Planetary Astronomy and Science	X	X	X
339	40.0299	Astronomy and Astrophysics, Other			X
340	40.0401	Atmospheric Sciences and Meteorology, General	X	X	X
341	40.0402	Atmospheric Chemistry and Climatology	X	X	X
342	40.0403	Atmospheric Physics and Dynamics	X	X	X
343	40.0404	Meteorology	X	X	X
344	40.0499	Atmospheric Sciences and Meteorology, Other			X
345	40.0501	Chemistry, General	X	X	X
346	40.0502	Analytical Chemistry	X	X	X
347	40.0503	Inorganic Chemistry	X	X	X
348	40.0504	Organic Chemistry	X	X	X
349	40.0506	Physical Chemistry	X	X	X
350	40.0507	Polymer Chemistry	X	X	X
351	40.0508	Chemical Physics	X	X	X
352	40.0509	Environmental Chemistry		X	X
353	40.0510	Forensic Chemistry		X	X
354	40.0511	Theoretical Chemistry		X	X
355	40.0599	Chemistry, Other			X
356	40.0601	Geology/Earth Science, General	X	X	X
357	40.0602	Geochemistry	X	X	X
358	40.0603	Geophysics and Seismology	X	X	X
359	40.0604	Paleontology	X	X	X
360	40.0605	Hydrology and Water Resources Science	X	X	X
361	40.0606	Geochemistry and Petrology	X	X	X
362	40.0607	Oceanography, Chemical and Physical	X	X	X
363	40.0699	Geological and Earth Sciences/Geosciences, Other			X
364	40.0801	Physics, General	X	X	X
365	40.0802	Atomic/Molecular Physics	X	X	X
366	40.0804	Elementary Particle Physics	X	X	X
367	40.0805	Plasma and High-Temperature Physics	X	X	X
368	40.0806	Nuclear Physics	X	X	X
369	40.0807	Optics/Optical Sciences	X	X	X
370	40.0808	Condensed Matter and Materials Physics	X	X	X
371	40.0809	Acoustics	X	X	X
372	40.0810	Theoretical and Mathematical Physics	X	X	X
373	40.0899	Physics, Other			X
374	40.1001	Materials Science		X	X
375	40.1002	Materials Chemistry		X	X
376	40.1099	Materials Sciences, Other			X
377	40.9999	Physical Sciences, Other			X

#	CIP Code	CIP Name	Version		
			2010	2011	2012
378	41.0000	SCIENCE TECHNOLOGIES/TECHNICIANS		X	X
379	41.0101	Biology Technician/Biotechnology Laboratory Technician	X	X	X
380	41.0204	Industrial Radiologic Technology/Technician	X	X	X
381	41.0205	Nuclear/Nuclear Power Technology/Technician	X	X	X
382	41.0299	Nuclear and Industrial Radiologic Technologies/Technicians, Other			X
383	41.0301	Chemical Technology/Technician	X	X	X
384	41.0303	Chemical Process Technology		X	X
385	41.0399	Physical Science Technologies/Technicians, Other			X
386	41.9999	Science Technologies/Technicians, Other			X
387	42.2701	Cognitive Psychology and Psycholinguistics		X	X
388	42.2702	Comparative Psychology		X	X
389	42.2703	Developmental and Child Psychology		X	X
390	42.2704	Experimental Psychology		X	X
391	42.2705	Personality Psychology		X	X
392	42.2706	Physiological Psychology/Psychobiology		X	X
393	42.2707	Social Psychology		X	X
394	42.2708	Psychometrics and Quantitative Psychology		X	X
395	42.2709	Psychopharmacology		X	X
396	42.2799	Research and Experimental Psychology, Other			X
397	43.0106	Forensic Science and Technology		X	X
398	43.0116	Cyber/Computer Forensics and Counterterrorism			X
399	45.0301	Archeology			X
400	45.0603	Econometrics and Quantitative Economics			X
401	45.0702	Geographic Information Science and Cartography		X	X
402	49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General			X
403	51.1002	Cytotechnology/Cytotechnologist			X
404	51.1005	Clinical Laboratory Science/Medical Technology/Technologist			X
405	51.1401	Medical Scientist		X	X
406	51.2003	Pharmaceutics and Drug Design			X
407	51.2004	Medicinal and Pharmaceutical Chemistry		X	X
408	51.2005	Natural Products Chemistry and Pharmacognosy		X	X
409	51.2006	Clinical and Industrial Drug Development			X
410	51.2007	Pharmacoeconomics/Pharmaceutical Economics			X
411	51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences			X
412	51.2010	Pharmaceutical Sciences			X
413	51.2202	Environmental Health			X
414	51.2205	Health/Medical Physics			X
415	51.2502	Veterinary Anatomy			X
416	51.2503	Veterinary Physiology			X
417	51.2504	Veterinary Microbiology and Immunobiology			X
418	51.2505	Veterinary Pathology and Pathobiology			X
419	51.2506	Veterinary Toxicology and Pharmacology			X
420	51.2510	Veterinary Preventive Medicine, Epidemiology, and Public Health			X
421	51.2511	Veterinary Infectious Diseases			X
422	51.2706	Medical Informatics		X	X
423	52.1301	Management Science		X	X
424	52.1302	Business Statistics			X
425	52.1304	Actuarial Science	X	X	X
426	52.1399	Management Sciences and Quantitative Methods, Other			X

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